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HARRIS SEEDS

62.61

1923



TRIUMPH
PETUNIA



JOSEPH
HARRIS
COMPANY,

MORETON FARM,
COLDWATER, N.Y.



Seeds Worth 25c Free with a \$1.00 Order

If you order seeds in PACKETS to the amount of \$1.00 or more we will send free of all charge a collection of Vegetable seeds worth 28c, consisting of 1 pkt. each of Long Season Beet, Midseason Market Cabbage, and Harris' Model Parsnip—all choice varieties of the highest quality. Or if you prefer we will send FLOWER seeds composed of Six Best Annuals (See page 83) worth 25c. Please state on the order which you want. These are the ONLY seeds we give free. No change can be made.

We do not allow any extra seeds unless the order includes seeds in packets to the amount of at least \$1.00. If the seeds ordered in packets amount to \$2.00 you may have both the Vegetable and Flower seeds as offered above. This offer does not apply to orders for collections of seeds sold at reduced price or "Special Offers" for a number of packets at less than regular list price. We can give no extra seeds with these collections.

PLEASE NOTE. This offer applies to orders for seeds in packets only and not to seeds ordered by the ounce, ¼ pound, 2 pounds, ½ pint, pint or quart.

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JOSEPH HARRIS CO., COLDWATER, N.Y.



MUST HAVE HARRIS' SEEDS TO WIN

Brewerton, N. Y., Sept. 25, 1922

Joseph Harris Co.

I am sending you a photograph of my exhibit at the N. Y. State Fair—that is the large collection on which I again won first prize. This is the third time I have won it in succession, making me the owner of a silver cup offered by the Wing Seed Co. to the person winning it three times, but I had to use Harris' seeds to do it.

MYRON W. AMES

WON IN CANADA ALSO

Valcourt, P. Q. Canada
January 6, 1922

You will be pleased to know that I took all the first prizes at Sherbrooke, Waterloo, and Richmond Fairs on tomatoes, and that is saying a whole lot; for I have been in competition for many years at these shows and meet some first class growers. John Baer and Bonny Best are hard to beat. I have never had a strain where you could pick so many perfect fruits. Whipple's Early corn grew very large, took first on it for white sweet corn. The Copenhagen cabbage were extra nice after rain came so they could grow, and they were most perfect in shape. Most strains of that variety have a flat side, but yours did not show one with that defect.

The melons were extra fine and all got ripe before frost. I took the big prize at Sherbrooke for collection of garden products, and it is not saying too much to say that the stuff grown from your seeds went a long way in winning it.

P. P. FOWLER

BUY DIRECT FROM THE GROWER

There are many advantages in buying seeds direct from the man who raises them. That is the way to get good, fresh, live seeds that have not laid around in dealers' hands for months or years. The man who takes pride in raising good things and has a reputation to maintain will naturally take much greater pains to have all seeds he sells of the highest quality than would a man who merely raises seeds for some one else to sell. Many seeds pass through several hands before they reach the gardener, which, of course, increases the cost without adding anything to their value.

HARRIS' MORETON FARM

Moreton Farm on which the Harris seed business is located consists of 235 acres of land near Rochester and only a few miles from Lake Ontario. It is, therefore, almost on the northern border of this country. The seasons are short, and seeds raised here must mature early. The whole farm is devoted to seed and plant growing, with the exception of a few acres in orchard.

Here are raised each year many acres of sweet corn, tomatoes, peppers, musk melons, beets, parsnips, and small quantities of many other vegetables and flowers, all for seed only.

Seed breeding is carried on systematically and scientifically. In this way the most highly bred "stock seed" is produced. That is seed from which a crop of commercial seed is to be raised. It sometimes requires years of waiting and a great deal of labor to get an ounce or two of seed that will produce a certain type of vegetable or flower that is wanted.

When the "stock" seed is produced it is sometimes given to other growers in the neighborhood who raise a crop of seed from it under our supervision. Some crops like Melons, Squash, Sweet Corn, etc. cross-fertilize or "mix" very readily and the different varieties must, therefore, be grown at a considerable distance apart, which limits the number of kinds that can be safely raised on one farm.

From the U. S. Crops and Market reports it seems that we raise practically all the vegetable seeds that are produced in New York state, except sweet corn and beans and possibly a little cabbage and spinach seed. Evidently, very few seedsmen doing business in this state raise any seeds themselves or have seeds grown in the East. A large part of the seeds sold come either from California or Europe.



A Corner of one of Our Greenhouses Where Seeds are Tested

TESTING SEEDS

Harris' seeds are always given thorough tests for germination before they are sold. A certain number of seeds of each lot is sown in soil in a greenhouse or placed in a special germinating apparatus and the number that grow is counted and recorded. This gives the percent or proportion of the seeds that are of good vitality.

The percent or number of seeds out of one hundred that grow is marked on the label of each lot of seed we sell, (except "packets.")

It is very convenient for any one sowing seeds to know just how many will grow. Many people sow seed too thick because they do not know how many will grow and do not want to take the chances of having too few plants. On the other hand, if seed that does not have a good percentage of live seeds is sown as good seed should be sown the plants will be too few and far apart for good yields. With Harris' seeds marked as they are with the percent that will grow it is easy to sow just the right amount to get an even stand of plants without wasting the seed or requiring a lot of labor in thinning.

NORTHERN GROWN SEEDS BEST

Seeds grown in the north produce crops that mature earlier than do seeds that are grown where the seasons are longer. This is especially true in the case of corn, tomatoes, peppers, and similar plants. Much of the disappointment that gardeners experience in having crops that mature late may be traced to this source. The same is true in the case of flowers. We have noticed that *Salvia* grown from seed raised in southern Europe blooms much later than plants from seed raised in New York State.



Setting Out Tomato Plants With a Plant Setting Machine at Morton Farm

What to Raise in a Complete Vegetable Garden

Below we make some suggestions as to what to plant and about the quantities required by an ordinary family.

ASPARAGUS. Set out 100 to 200 roots, 2 feet apart, rows 4 feet apart.

BEETS. About 40 feet of row, 1 oz. of seed required. Make a second sowing in July for late use and canning, or sow "Long Season" beet, which remains tender all through the season.

BEANS. About 30 feet of row of Wax or green pod varieties for early use, Webber Wax or Full Measure; $\frac{1}{2}$ lb. seed of each. 15 hills Scotia, for later use. 150 feet of row, Burpee's Bush Lima, using 1 lb. seed; or if preferred, 25 hills Pole Limas, Early Leviathan, 1 lb. of seed required.

SWEET CORN. About 50 hills each, Mayflower or Pocahontas, Buttercup or Golden Bantam, Mimms' Hybrid, Country Gentleman and Egyptian. If you want to prolong the season still more plant Mimms' Hybrid or Buttercup 4 weeks later than the main crop. $\frac{1}{2}$ pt. of seed of each kind.

CUCUMBERS. 10 hills Earliest of All or Early White Spine for very early and 10 hills Davis Perfect or Harris' Perfection for later.

CELERY. 100 or 200 plants each of Golden Self-Blanching and French's Success. 1 pkt. seed of each kind. Better buy the plants than try to raise them.

CABBAGE. If early cabbage is desired, plants must be started in frames in February or March, but for late crop the seed is sown in May. We recommend Early Jersey Wakefield or Copenhagen Market for first early (forced plants); Stanley or Enkhuizen Glory for late summer and fall use, and Savoy for late fall and winter use. 1 pkt. seed of each or 50 plants of early and 100 plants of late kinds. (We can furnish cabbage plants. See Plant Department on last pages.)

CAULIFLOWER. 50 plants Snowball. 1 pkt. seed, or buy the plants.

BRUSSELS SPROUTS. 50 plants, 1 pkt. seed.

SWISS CHARD, for greens, 20 feet of row, 1 pkt. seed.

CARROTS. If used as a vegetable, 25 feet of row; if merely for flavoring, 10 feet of row, 1 pkt. seed. Chantenay is the best variety. Make a sowing about the first of August for late fall use.

EGG PLANT. 12 to 15 plants, 1 pkt. seed, Black Beauty.

KOHL RABI. Early White Vienna, 1 pkt.

LETTUCE. Plants for early crop should be started in frames. Golden Queen (early), Holyrood Hot Weather, Crisp-as-Ice, Iceberg, and Salamander are best heading varieties. Non-heading or loose-leaf varieties may be sown in the open ground at intervals during the spring and summer. Prize-head is an excellent kind. Black Seeded Simpson is also good.

MUSKMELONS. Those who have good soil and a sunny situation can raise fine muskmelons. For early, Emerald Gem is excellent. For later, Admiral Togo, Irondequoit and Bender's Surprise are fine. 15 hills of early and 20 hills of late will be enough. 2 pkts. early, 2 pkts. late.

WATERMELONS. We do not advise amateur gardeners to raise watermelons in the Northern states unless they have light soil and plenty of room. Harris' Earliest and Ice Cream are good for the North and Halbert Honey or Kleckley Sweets for further South.

OKRA. 20 feet of row, 1 oz. seed.

ONIONS. Green onions for early spring use are raised by planting sets. Set out a quart of white sets about 2 inches apart in the row. Large onions can also be raised in this way. If dry onions are required for winter use sow 1 oz. of seed in the spring. Yellow Danvers and Ebenezer are good kinds.

POTATOES. For early, 300 to 500 feet of row; Early Six Weeks, or Irish Cobbler. 1 peck to $\frac{1}{2}$ bu. seed. For late, Green Mountain, or Golden Rural both of fine quality.

PEAS. If an abundance of peas is desired, so as to have them practically every day during the pea season, it will require the following: 1 lb. (100 feet of row) Surprise, 1 lb. Thomas Laxton, Laxtonian or Hundredfold, 1 lb. Advancer, 1 lb. Alderman, 1 lb. Dwarf Champion or Horsford's.

PEPPER. 1 doz. plants of Harris' Earliest or Neapolitan. If "hot" peppers are required, plant a few Giant Cayenne.

PARSNIPS. 25 feet of row, 1 packet of seed.

PARSLEY. 10 feet of row, 1 packet of seed.

RADISH. For forcing in frames the round extra early varieties are best, and many use them for open ground also. It is well to sow some radish seed in August for fall use.

RHUBARB. 1 doz. roots set 3 feet apart.

SPINACH. 100 feet of row will produce a good lot of spinach if it is on rich ground. 1 oz. Viroflay, 1 oz. King of Denmark for spring sowing, and 1 oz. King of Denmark or Eskimo for wintering over. Sown September 1st, spinach will be ready for use in the late fall and will last over winter with slight protection and be available for use as soon as the snow goes off in the spring.

SQUASH. For summer use 8 or 10 hills Early Bush Crookneck and Mammoth White Bush Scallop or Italian Vegetable Marrow. For fall and winter, Boston Marrow and Delicious, or the new Quality squash are excellent.

SALSIFY. 50 feet of row, 1 oz. of seed.

TOMATOES. 25 plants of an early variety, Earliana, John Baer, or Bonny Best, and 50 plants of a late kind, such as Stone or Success.

TURNIPS. Red Top White Globe and Yellow Stone are excellent kinds. Sow in August. 1 pkt. seed of each kind. For winter use sow Macomber in June or July.

HERBS FOR FLAVORING. Every garden should have some Sage, Thyme, Summer Savoy and Sweet Marjoram.

WITLOOF CHICORY or "FRENCH ENDIVE." Sow 50 to 100 feet of row, 1 oz. of seed. Roots should be dug and forced during the winter.

See Collections of Vegetables Seeds, page 5.

ABOUT ORDERING, SHIPPING, Etc.

Making Out the Order. An order blank which is attached to this catalogue on the last page will be found convenient to use. Please write your name very distinctly and give your full postoffice address and also state how you wish the seeds sent, whether by mail, express, or freight. If the seeds, etc., are to be sent by freight or express give your nearest railroad station or express office, if different from your postoffice.

How to Send Money. Money is most conveniently and safely sent in the form of a postoffice money order, express order or check. We will accept personal checks for over \$1.00 without exchange. Small amounts may be sent in postage stamps; it is not safe to send silver.

Orders Promptly Filled. We usually fill orders the day after they are received. This applies to orders for seeds that can be sent at any time during the winter. If the order includes potatoes, onion sets, plants, etc., which cannot be safely sent in cold weather, we are obliged to hold the order until it is safe to ship. Please state on such an order whether we are to send the seed at once and make a second shipment of the perishable articles later, or hold the seeds until it is safe to send all in one shipment.

Money Promptly Returned. If we are out of any seeds or plants wanted, we return the money sent for them without delay, unless permission is given on the order to substitute some other kind.

What We Guarantee

We assume all the risk of the seeds, plants, etc., we sell reaching the purchaser in good condition. Should any seed bought of us fail to grow under favorable conditions, or not prove to be true to name, we will refund the money paid for them.

If seeds or plants are lost or destroyed while on the way to the purchaser, we will replace them without charge, or refund the money paid for them at our option.

What We Do Not Guarantee

We do not guarantee that the purchaser will get a crop from the seeds, nor will we be in any way responsible for loss of a crop. We are willing to refund the money paid for the seeds if they are not as represented, but we do not assume any responsibility for the crop.

NOTICE:—All our seeds and plants are sold on the distinct understanding and with the agreement by the purchaser that we will not be liable for any loss or damage that may occur by reason of the failure of seeds or plants to grow or to be of the variety or quality ordered. We will not accept or fill orders on any other terms.

JOSEPH HARRIS CO.

Seeds Sent Cheaply By Parcel Post and Express

The cost of sending seeds is now much lower than it used to be some years ago.

People living east of Wisconsin and north of North Carolina can get their seeds delivered at their doors at a cost of only one to four cents per pound, depending upon the distance. See rates on next page.

Express charges are lower than parcel post on all packages weighing 20 pounds or more to places beyond the third zone (see map on next page) where the postage is over 2c per pound. Parcel Post rates are lower than express to places in the second and third zones on any weight under 75 pounds.

When seeds are sent by express, the charges need not be prepaid, but when sent by parcel post the charges must be put on the package in stamps the same as ordinary mail.

Seeds can only be sent by express to a place on a railroad. By parcel post a package can be sent to any postoffice, whether on a railroad or not.

When seeds are ordered sent by parcel post the necessary amount for postage must be sent with the order.

This does not apply to seeds ordered in packets, and ounces, which will be sent by parcel post when ordered at our catalogue prices, without any additional charge.



Parcel Post Map



The above map shows the principal cities and in what zone they are located. It will be easy for our customers to tell from the map in what zone they live, and by referring to the table of rates below the exact cost of postage on a package of any weight up to 50 pounds can be ascertained.

The states not shown on the map are in the zones given below. By referring to the table of rates you can see just what the postage will be on a package of any weight.

Table of Rates for Parcel Post

Weight	Zone No. 2	Zone No. 3	Zone No. 4	Zone No. 5	Zone No. 6	Zone No. 7	Zone No. 8
1 lb.	\$.05	\$.06	\$.07	\$.08	\$.09	\$.11	\$.12
2 lbs.	.06	.08	.11	.14	.17	.21	.24
3 "	.07	.10	.15	.20	.25	.31	.36
4 "	.08	.12	.19	.26	.33	.41	.48
5 "	.09	.14	.23	.32	.41	.51	.60
6 "	.10	.16	.27	.38	.49	.61	.72
7 "	.11	.18	.31	.44	.57	.71	.84
8 "	.12	.20	.35	.50	.65	.81	.96
9 "	.13	.22	.39	.56	.73	.91	1.08
10 "	.14	.24	.43	.62	.81	1.01	1.20
11 "	.15	.26	.47	.68	.89	1.11	1.32
12 "	.16	.28	.51	.74	.97	1.21	1.44
13 "	.17	.30	.55	.80	1.05	1.31	1.56
14 "	.18	.32	.59	.86	1.13	1.41	1.68
15 "	.19	.34	.63	.92	1.21	1.51	1.80
16 "	.20	.36	.67	.98	1.29	1.61	1.92
17 "	.21	.38	.71	1.04	1.37	1.71	2.04
18 "	.22	.40	.75	1.10	1.45	1.81	2.16
19 "	.23	.42	.79	1.16	1.53	1.91	2.28
20 "	.24	.44	.83	1.22	1.61	2.01	2.40
21 "	.25	.46	Each additional pound 4c	Each additional pound 6c	Each additional pound 8c	Each additional pound 10c	Each additional pound 12c
22 "	.26	.48					
23 "	.27	.50					
24 "	.28	.52					
25 "	.29	.54					
26 "	.30	.56					
27 "	.31	.58					
28 "	.32	.60					
29 "	.33	.62					
30 "	.34	.64					
31 "	.35	.66	Each additional pound 1c	Each additional pound 2c	Each additional pound 3c	Each additional pound 4c	Each additional pound 5c
32 "	.36	.68					
33 "	.37	.70					
34 "	.38	.72					
35 "	.39	.74					
36 "	.40	.76					
37 "	.41	.78					
38 "	.42	.80					
39 "	.43	.82					
40 "	.44	.84					
41 "	.45	.86	Each additional pound 1c	Each additional pound 2c	Each additional pound 3c	Each additional pound 4c	Each additional pound 5c
42 "	.46	.88					
43 "	.47	.90					
44 "	.48	.92					
45 "	.49	.94					
46 "	.50	.96					
47 "	.51	.98					
48 "	.52	1.00					
49 "	.53	1.02					
50 "	.54	1.04					

IMPORTANT

If you want seeds or plants sent by parcel post it is necessary that the amount of money required to prepay the postage be sent with the order. If the money is not sent it may cause delay in filling the order.

TO FIND OUT HOW MUCH THE SEEDS WILL WEIGH. Add up the weights of all seeds over 1 ounce. Packets and ounces need not be considered as we make no extra charge for postage on these.

REFER TO THE MAP ABOVE and see in what zone you live. For instance it will be seen that if you live in the western half of Connecticut you are in the third zone, but if in the eastern half in the fourth zone.

NOW REFER TO THE TABLE OF RATES and you will easily find the exact postage for any weight in any particular zone.

CANADA—The rate to all points in Canada is 12c per lb.

THE STATES NAMED BELOW are in the zones given.

	Zone		Zone
Alabama	No. 5	Montana	No. 7
Arizona	No. 8	Nevada	No. 7
Arkansas	No. 5	New Mexico	No. 7
California	No. 8	Oregon	No. 8
Colorado	No. 7	South Carolina	No. 5
Florida	No. 6	South Dakota	No. 6
Georgia	No. 5	Texas, Eastern part	No. 6
Idaho	No. 8	Texas, Western part	No. 7
Louisiana	No. 6	Washington	No. 8
Mississippi	No. 5	Wyoming	No. 7

LIMIT OF WEIGHT—

To places in the second and third zones packages weighing 70 pounds can be mailed. To all other zones only 50 pounds can be sent in one package. Larger amounts of seeds can be sent by making two or more packages, but will go cheaper by express.



Collections of Vegetable Seeds at Much Reduced Prices

We have made up three different collections of vegetable seeds suited to the needs of those who have small gardens, medium size and large gardens.

The varieties are chosen with an idea of supplying vegetables of the best quality all through the season.

The seeds are all of the very best quality and the packets are our regular size, in all respects the same as sold outside of collections.

These collections are sold at **reduced prices** because they can be put up before the busy season when time is not so valuable as it is later.

We cannot Make any Changes in these Collections. The collections are put up ready to ship, so we cannot change them in any way; but, of course, anyone may order additional seeds to go with the collection. *No discount or premiums is allowed on these collections.*

Collection No. 1—75c.

For a Garden about 20 x 50 feet. Price 75c, postpaid.

The regular price of these seeds if bought separately would be \$1.00.

This collection contains 1 pkt. of each of the following varieties:

BEET, Detroit Dark Red.....	.05
BEANS, Webber Wax.....	.10
BEANS, Giant Stringless Valentine.....	.10
CABBAGE, Enkhuizen Glory.....	.05
CARROT, Chantenay.....	.05
CUCUMBER, Early White Spine.....	.05
SWEET CORN, Buttercup.....	.10
SWEET CORN, Mimms' Hybrid, medium late.....	.10
LETTUCE, Iceberg.....	.05
ONIONS, Yellow Globe Danvers.....	.05
RADISH, Early Scarlet Globe.....	.05
PARSNIPS, New Model.....	.08
SUMMER SQUASH, Early Bush Crookneck.....	.05
SPINACH, King of Denmark.....	.05
SWISS CHARD, Lucullus.....	.05
TURNIP, Purple Top White Globe.....	.05

Regular Price.....\$1.03

Collection No. 2—\$1.50

For a Medium Size Vegetable Garden about 40 x 50 feet. Price \$1.50, postpaid. The regular price of these seeds bought separately is \$1.91.

1 pkt. BEET, Detroit Dark Red.....	.05
1 pkt. BEANS, Webber Wax.....	.10
1 pkt. BEANS, Giant Stringless Valentine.....	.10
1 pkt. SWISS CHARD, Silver Leaf.....	.05
1 pkt. CABBAGE, Enkhuizen Glory.....	.05
1 pkt. CABBAGE, Savoy, for Winter.....	.05
1 pkt. CAULIFLOWER, Snowball.....	.15
1 pkt. CARROT, Chantenay.....	.05
1 pkt. CUCUMBER, Early Fortune.....	.05
1 pkt. SWEET CORN, Golden Bantam, Early.....	.10
1 pkt. SWEET CORN, Long Island Mammoth, late.....	.10
1 pkt. SWEET CORN, Mimms' Hybrid, medium late.....	.10
1 pkt. LETTUCE, Black Seeded Simpson (early).....	.05
1 pkt. LETTUCE, Iceberg (later).....	.05
1 pkt. ONION, Yellow Globe Danvers.....	.05
1 pkt. PARSNIP, Harris' Model.....	.10
1 pkt. PARSLEY, Champion Moss Curled.....	.05
½ lb. PEAS, Gradus, Early.....	.15
½ lb. PEAS, Heroine, late.....	.15
½ lb. PEAS, Advancer, medium late.....	.14
1 pkt. RADISH, Early Scarlet Globe.....	.05
1 Oz. SPINACH, King of Denmark.....	.12
1 pkt. SUMMER SQUASH, Early Bush Crookneck.....	.05
1 pkt. SALSIFY, or Vegetable Oyster.....	.05
1 pkt. TURNIP, Purple Top White Globe.....	.05
1 pkt. TOMATO, Bonny Best.....	.10

Regular Price.....\$1.95

Collection No. 3—\$3.60

For a Complete Vegetable Garden about 75 x 100 feet. Price \$3.60 by Express, not prepaid. Regular price if bought separately is \$4.42.

We will send this collection of vegetable seeds by **parcel post, prepaid**, as follows:

To places in zone No. 2 on map, page 3.....\$3.80

To places in zone No. 3 on map, page 3.....4.00

To places in zone No. 4 on map, page 3.....4.30

To places in zone No. 5 on map, page 3.....4.60

½ lb. BEANS, Webber Wax.....	.14
½ lb. BEANS, Giant Stringless Valentine.....	.14
½ lb. LIMA BEANS, Burpee's Bush.....	.18
1 pkt. BEANS, Scotia.....	.12
1 oz. BEETS, Detroit Dark Red.....	.15
1 pkt. BEET, Long Season, (for late use).....	.10
1 pkt. SWISS CHARD, Silver Leaf.....	.05
1 pkt. CABBAGE, Glory.....	.05
1 pkt. CABBAGE, Savoy, for winter use.....	.05
1 pkt. CARROT, Chantenay.....	.05
1 pkt. CAULIFLOWER, Snowball.....	.15
1 pkt. CELERY, Golden Self-Blanching.....	.10
½ lb. SWEET CORN, Early Mayflower, very early.....	.13
½ lb. SWEET CORN, Buttercup (medium).....	.13
½ lb. SWEET CORN, Long Island Beauty (late).....	.13
1 pkt. CUCUMBER, Harris' Perfection.....	.10
1 pkt. LETTUCE, Black Seeded Simpson.....	.05
1 pkt. LETTUCE, Iceberg.....	.05
1 pkt. MUSKMELON, Emerald Gem.....	.05
1 pkt. MUSKMELON, Bender's Surprise.....	.10
1 pkt. ONION, Yellow Globe Danvers.....	.05
1 pkt. ONION, Silver Skin, (white).....	.05
1 pkt. PARSLEY, Champion Moss Curled.....	.05
1 oz. PARSNIPS, Harris' Model.....	.18
1 lb. PEAS, Surprise, very early.....	.30
1 lb. PEAS, Thomas Laxton.....	.30
1 lb. PEAS, Advancer, (medium late).....	.30
1 lb. PEAS, Heroine, late.....	.30
1 pkt. PEPPER, Harris' Earliest.....	.10
1 oz. RADISH, Early Scarlet Globe.....	.12
1 pkt. RADISH, Icicle.....	.05
1 pkt. SALSIFY, or Vegetable Oyster.....	.05
1 oz. SPINACH, King of Denmark.....	.12
1 oz. SPINACH, Viroflay, (early).....	.08
1 pkt. SUMMER SQUASH, Early Bush Crookneck.....	.05
1 pkt. WINTER SQUASH, Delicious.....	.05
1 pkt. TOMATO, John Baer.....	.10
1 pkt. TURNIP, Purple Top White Globe.....	.05
1 pkt. TURNIP, Macomber (Swede) for winter.....	.10

Regular Price.....\$4.42



Some Vegetables of Special Merit

NEW EARLY CABBAGE "Golden Acre"

This is a wonderfully fine, round headed, extra early cabbage which matures a week earlier than Early Jersey Wakefield. The heads are as round as a ball and every one just alike. The plant is small and very compact with small round leaves. Every plant makes a fine large, round head and they all mature at practically the same time.

Compared with Copenhagen Market, this cabbage matures two to three weeks earlier but is otherwise quite similar to a fine strain of that variety which is almost impossible to get nowadays.

Owing to its earliness and remarkable uniformity this new cabbage will, we are sure, prove by far the most profitable variety to raise for the early market.

We are able this season to offer the seed in very small quantities only, but we would suggest that all gardeners who are interested in early cabbage should try the Golden Acre this year, so that they may see for themselves what remarkably fine cabbage it is and how profitable it will prove to those who commence raising it first.

Packet (200 seeds) 20c; 6 packets \$1.00.



Golden Acre Cabbage



Midseason Market Cabbage

MIDSEASON MARKET CABBAGE

We are much impressed with the value of this new cabbage as grown in our trial grounds. It is a midseason variety, maturing about the same time as Enkhuizen Glory and All head Early. The heads are round, deep, very firm and of large size, averaging 8 to 10 lbs. when well grown. The shape and size of the heads are remarkably uniform. The plants are of vigorous growth with short stems and round leaves of rather light green color. Practically every plant makes a good solid head of fine quality.

We highly recommend this new cabbage both for market, kraut and home use. It will yield more than any medium early variety we know of.

Pkt. 10c; oz. 75c; ¼ lb. \$2.40; 1b. \$9.00.

New STRINGLESS Refugee Bean

The old Refugee or 1000 to 1 bean has long been considered one of the very best green podded snap or string bean. Its only drawback is the fact that the pods have "strings" in them unless picked when very young. We are now able to offer a strain of this variety that is stringless. This fact makes the new bean a very valuable one. Like the old Refugee it produces enormous crops of stringless, round, light green pods of high quality as a snap bean or for canning. It is a late variety coming in after the earliest kinds are through. Pkt. 10c; 1b. 35c; 2 lbs. (qt.) 60c; 15 lbs. (peck) \$3.75.

BRUSSELS SPROUTS LONG ISLAND IMPROVED DWARF

SPECIAL STOCK

It is usually hard to get a strain of Brussels Sprouts that yield well in this country. The growers on Long Island have bred up a strain that yields more than three times as many large solid sprouts as any other strain or variety we have grown. The plants of the Long Island strain do not grow very tall but they are covered from the ground up with large solid sprouts.

With this variety it is very easy to raise all the sprouts required for a large family on a small piece of ground. Sow the seed in the open ground in May and transplant the plants 2½ feet apart when large enough.

With this improved strain gardeners can raise Brussels Sprouts for market and make a good profit. We offer "proved seed" from which we have raised a crop so we know it is as represented. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; 1b. \$4.50.



Brussels Sprouts Long Island Improved Dwarf



Alpha Sweet Corn

The EARLIEST Sweet Corn—ALPHA

Every year we try many varieties of sweet corn that are claimed to be the earliest in existence, but until the past season we could find none that was earlier than our strain of Mammoth White Cory. We have now, however, found a new variety that matures three days earlier. The ears are not quite as large as the Mammoth White Cory but are otherwise similar to that variety.

The ears are 5 to 6 in. long and have eight rows of large white kernels of good quality—much better than most of the very early kinds.

We recommend this new variety to all who wish to get sweet corn at the earliest possible date either for market or home use. The seed is quite hardy and can be planted early.

We are sure this will be found a profitable kind to raise for market where a day or two makes a great difference in the price received.

Pkt. 12c; 1b. 50c; 6 lbs. (4 qts.), \$2.20; 12 lbs. (peck), \$4.00.

WHIPPLE'S NEW YELLOW SWEET CORN

This is the most remarkable improvement in yellow sweet corn since the introduction of Golden Bantam. People who raise corn or buy it at so much per dozen ears object to the small ears of Golden Bantam. If a large ear can be raised just as early and sold for the same price it would be welcome.

This is just what Mr. Whipple has accomplished and more. Whipple's Yellow Corn is not only twice the size of Golden Bantam, but it is 3 to 5 days earlier. It is often hard to convince gardeners that these big ears actually mature earlier than the small ones of other early kinds. But such is the fact. Our records show that Whipple's Yellow planted at the same time (May 18th) as

some 20 other kinds was ready to use July 25th, Golden Bantam July 30th, Buttercup July 29th, Du Lue's Golden Giant August 1st.

The ears are 7 to 8 inches long and very large around, having 12 to 16 rows of large kernels. The quality of the corn is very fine, although perhaps not quite as sweet as Buttercup, which is the sweetest corn we know of. The stalks grow quite tall and often produce two large ears.

We highly recommend this new corn to all gardeners. It will be found highly profitable for market.

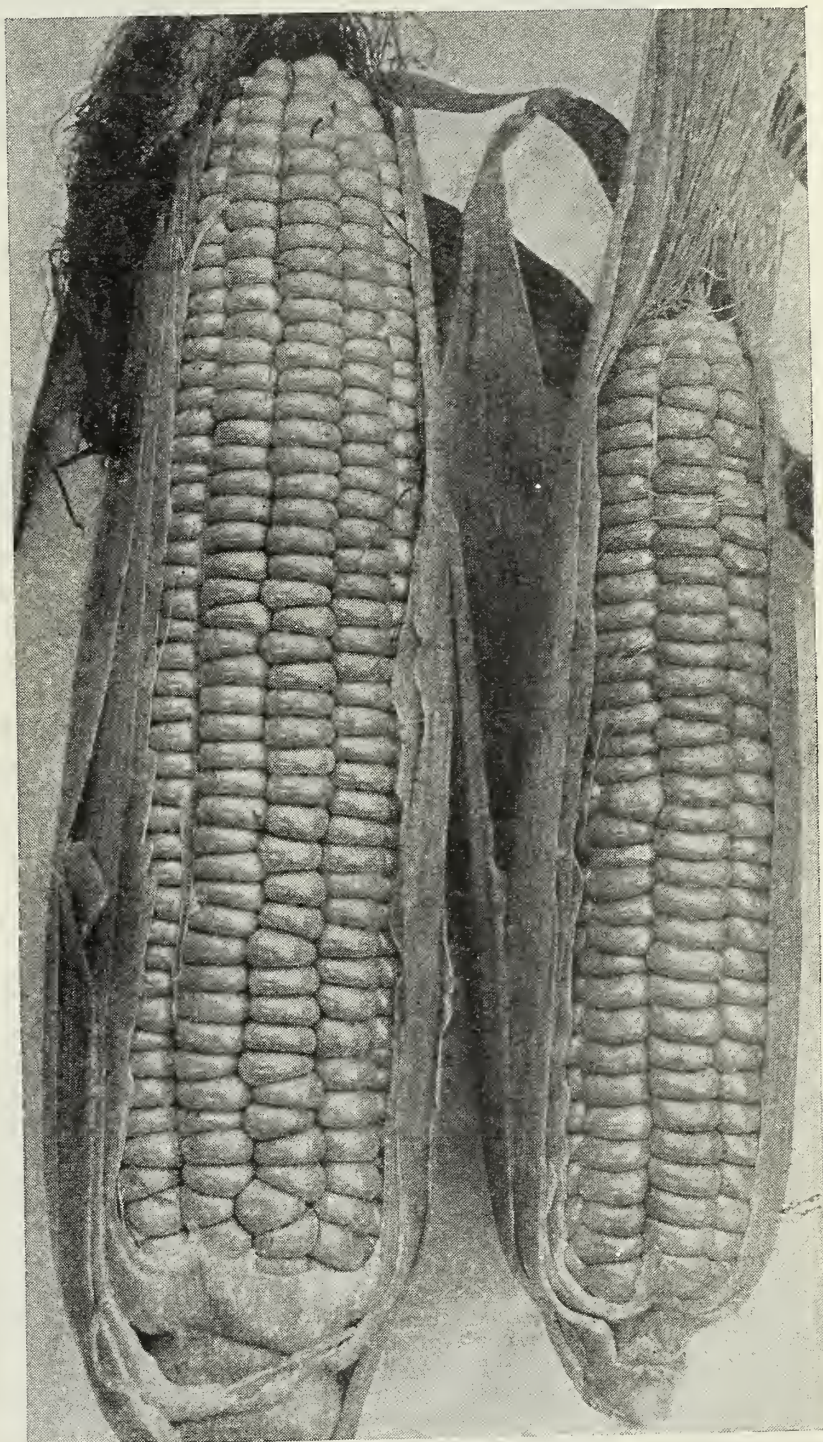
Pkt. 12c; 1b. 35c; 6 lbs. (4 qts.) \$1.65; 12 lbs. (peck) \$3.00.

Mr. R. H. Rennie, Chicago, Ill., writes July 4, 1921.

"It may interest you to know we got our first corn, Whipple's New Yellow, on July 1st. Beats anything in our experience."

"Last year we raised Whipple's New Yellow sweet corn and enjoyed the eating of it very much. We began using it the last week of July. I did not plant it until May 20th. We are very much surprised as well as delighted with it." Mrs. George Trombley, Bloomingdale, N. Y., May 16, 1922.

"It may be of interest to you to state that I planted Whipple's New Yellow sweet corn May 19th and picked good full ears July 24th, (65 days.) The quality is delicious. A wonderful variety for the market gardeners." H. W. Liggett, Schuylerville, N. Y., July 25, 1922.



Whipple's New Yellow

Golden Bantam

(Photograph showing comparative size)



WHIPPLE'S EARLY (White) SWEET CORN

As Early as Cory and as large as Evergreen!

This is a wonderful new early sweet corn. It matures as early as the small eared early kinds and has ears that look like Evergreen.

The ears have 16 to 20 rows of kernels, which are like Evergreen, deep and rather narrow. They are tender, very sweet and delicious. No other early white corn is of such fine quality.

The ears are just the right size to serve on the cob, and we are sure this new corn will become very popular with hotels, clubs and restaurants.

The ears are 7 to 8 inches long and very large around, as they have 16 to 20 rows of good size kernels. Each ear is filled right to the tip. The ears look like Evergreen of a fine strain, yet they mature two to three weeks earlier.

More than half the stalks have two good ears of almost exactly the same size. The yield per acre is therefore very large.

This corn matures only a few days later than the Cory, and fully as early as Pocahontas, and over a week earlier than Howling Mob and similar varieties.

Unlike other early varieties the stalks grow tall and the ears are often 4 feet from the ground.

The possibilities of this corn as a market variety are great. The ears are so large and handsome, the quality so fine, and the yield so heavy, and above all, they mature so early that in the opinion of all the gardeners who have seen it in our trial grounds, this will prove the **most profitable corn ever grown**.

It will be like having Evergreen corn two weeks earlier than other people, and getting nearly twice as **many dozen per acre**.

We advise all our customers who raise sweet corn for market to try this new variety. It will prove profitable we are quite sure.

This is also a desirable variety for the home garden, as the quality of this corn is very fine, being tender, sweet and delicious.

We are indebted to Mr. Silas Whipple of Connecticut for this new corn. He has shown great skill as a corn breeder in developing a variety that matures so early and at the same time has such large ears and deep kernels, which we have never seen equalled before in an early corn.

Pkt. 10c; lb. 35c; 12 lbs. (peck) \$2.85; 25 lbs. or more 22c per lb.

THE OPINION OF OTHERS

"Your Whipple's Early corn is a fine thing. It proved as early as Cory and twice as large." Eugene Thayer, Bowie, Md., March 6, 1922

"From the Whipple's Early corn which we planted May 14th we had some fine ears fit for use July 4th." —Mrs. E. Duke, Muskogee, Okla.

"I take this opportunity to congratulate you and Mr. Whipple upon Whipple's Early Sweet Corn. With me it has ripened about with Golden Bantam, but it is eared much heavier and the ears are twice as large. The quality is equal to Country Gentleman and is two or three weeks earlier. It is the best all around corn that I have tried for the northern latitudes."—L. E. Johnson, Richfield Springs, N. Y.

"I wish to say that your recommendation of Whipple's Early corn was more than justified, as it seems to be a finely bred strain of the White Evergreen type coming in with Extra Early Pocahontas. Planted May 30th it was ready for market Aug. 2nd.—Wm. M. Kling, Sharon Springs, N. Y.

"Of all my forty years of gardening I have never had better seed than from you. Whipple's Early Corn is the best I have ever seen. A wonderful variety."—C. A. Hamilton, New York City.

BUTTERCUP SWEET CORN

—the Sweetest Sweet Corn

Sweeter than Golden Bantam and the ears are larger!

This is the sweetest corn we have ever eaten and it is deliciously succulent and tender.

The kernels are as yellow as June butter. The ears are of good length (8 to 10 inches) and have 8 to 12 rows of large kernels of a rich butter yellow. It is medium early, maturing the same time as Golden Bantam, and is quite prolific.

The Buttercup contains more sugar than any variety we have tried. Some people think it is almost too sweet.

For market the Buttercup is a very profitable corn. There is always a good demand for yellow sweet corn, and the large attractive ears of the Buttercup command a premium over other kinds.

We advise all our customers who appreciate good sweet corn to give the "Buttercup" a place in their gardens this season. Pkt. 10c; lb. 30c; 12 lbs. (peck) \$2.00.

"Last season we used your Buttercup sweet corn. It was the best sweet corn we ever raised."

"Last year I bought a packet of Buttercup Sweet Corn from you and wish to advise that it was the earliest and sweetest of nine kinds that I raised in my garden. Even the name "Buttercup" is worth the price."—Herbert Durrell Smart, Nashua, N. H.

"I bought from you one pint of Buttercup sweet corn and planted same 4 kernels in a hill. Family of five used all we wanted, sold 75 dozen ears at 20c per dozen—\$15.00. I find this corn better than you recommended.

"It is sweeter than Golden Bantam. I have ears 11 inches long."—G. W. Stanton, Union Center, N. Y.



Buttercup Sweet Corn

CHINA CUCUMBER

See colored plate on back of this catalogue



This is a remarkable new cucumber from China. It is of finer quality than any other cucumber we know of.

The fruit is very long, often reaching 20 inches in length and only 2 inches through. The skin is dark green and nearly smooth, the spines being few and small. The flesh is white, firm, crisp, and of the very best quality for slicing. The vines are vigorous and healthy.

We are sure this new cucumber will be found a most desirable variety for the home garden and possibly for market.

Pkt. (100 seeds) 15c; oz. 75c; ¼ lb. \$2.25.

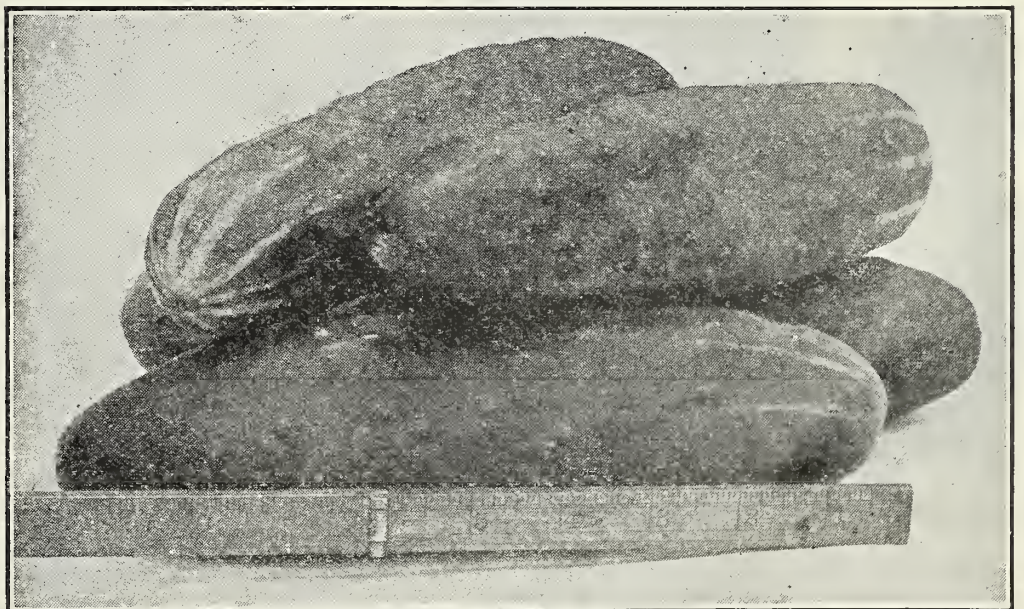
"The 'China' cucumber is the wonder and admiration of all who see them by their unusual size and length." Geo. W. James, Frankfort, N. Y.

HARRIS' PERFECTION CUCUMBER

The fruit is long, straight, smooth and handsome. The color is deep green with clear white rays on the blossom end. The cucumbers retain this deep green color longer than any kind we know of. We have kept a half-grown cucumber during warm weather in a shed for 10 days without it showing any fading in color or losing its crispness. This is a white spined variety and never turns yellow. The fruit will average over a foot long when matured and many reach 15 inches in length.

The cucumbers are crisp, solid and of the very finest quality. Matures medium early and is one of the very best for the home garden as well as for market. There is no finer cucumber for either purpose. Also fine for pickles, the young fruit being long, slender and deep green.

Gardeners who have tried this variety for forcing report excellent results. We offer seed of our own growing. Pkt. 10c; oz. 20c; ¼ lb. 60; lb. \$2.25.



Harris' Perfection Cucumber



"LONG SEASON BEET"

*Tender and Delicious
the Whole Season Long*

If you want a beet that will remain tender and sweet all summer long and well into the winter, try the "Long Season."

This is the best table beet we have ever eaten. It makes no difference whether the beets are young or old, small or large, they are always tender and good.

This beet grows slowly and should not be depended upon for early use. But when the early beets are tough and poor the Long Season will be found to be of the finest quality, being even more tender than the young early beets. They remain in perfect condition all the rest of the season and retain their fine quality when stored in a cold place for winter use.

This is not a variety that is suitable for general market, as it is not a handsome beet to look at, but for home garden and a discriminating market where looks do not count, the Long Season will be found a valuable variety.

The shape of the beet is shown in the photograph reproduced here. The color is very deep red without any light colored rings. The beets when cooked are sweet, tender and delicious, even if allowed to grow very large. Sow some other kind for early use.

Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 70¢; lb. \$2.60.

"I wish to say that last season I put in your Long Season beet and they are the best ever. It so happened that sickness kept us from canning at the proper time so we cut them up and canned them later, and they were the best we ever had." E. O. Davis, Indian Orchard, Mass.

"We found last season that your Long Season beet is the only beet we ever grew that would cook tender in winter. Just used our last ones. They were great." E. M. Hitchcock, Agawam, Mass., Feb. 24, 1922

"Your Long Season beet is a wonder. I am going to try and raise more of them. As soon as any one gets a taste they want more." O. G. Kilton, Manchester, N. H.

"Your Long Season beet goes far ahead of any beet I ever raised. They are so sweet that we accused the cook of having sweetened them." B. F. Allen, Northfield, Vt.

"I tried the Macomber turnip and Long Season beet last year for the first time and they were both fine. The turnips were very fine grained and sweet and a number of people where I sold them are going to send you an order this year. The Long Season beets were the finest thing in the beet line I ever tasted. Kept a bushel in the cellar all winter and this spring every one was tender and sweet as when pulled." Mrs. E. L. Bartle, Greenwood, N. Y.



Long Season Beet

HARRIS' SPECIAL STRAIN OF CROSBY'S EGYPTIAN BEET

(See colored plate on back of this catalogue)

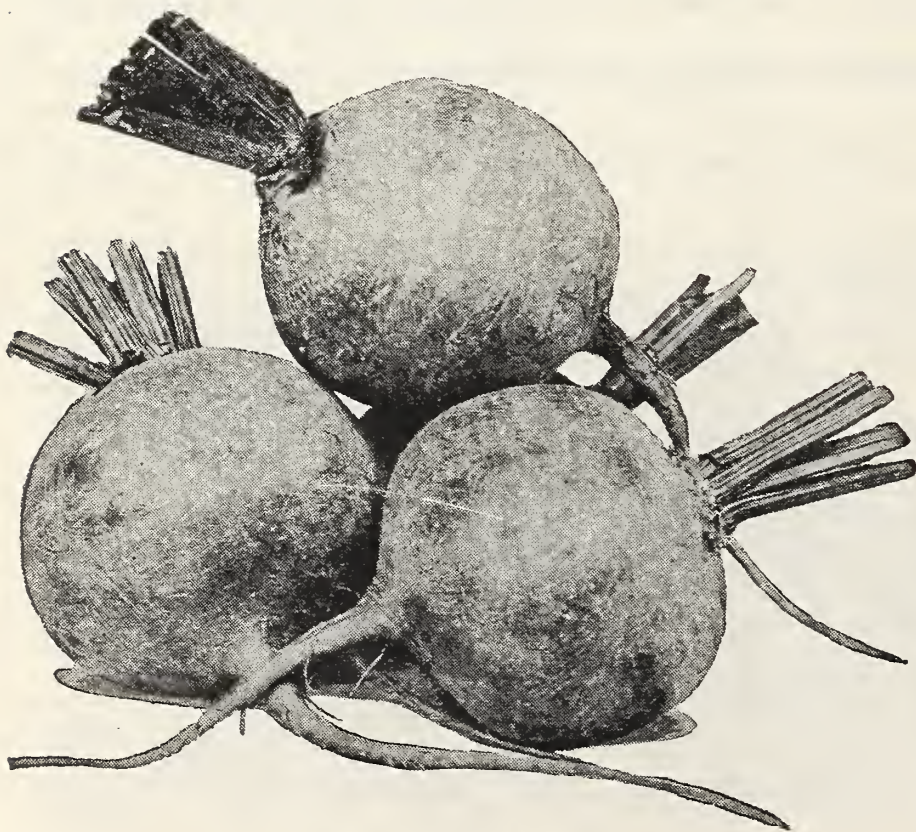
This is the finest early beet we know of. It grows very rapidly and has small tops and is of the best globe shape and deep red color all through.

There is no better early beet for home use or market. The beets are all of uniform shape and color due to the careful breeding which we have practised for many years. Seed of our own growing.

Pkt. 8c; oz. 18c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

DETROIT DARK RED BEET Harris' Selected Strain

For canning where a round beet of uniform dark red color is desired the Detroit Dark Red is preferred to all other kinds. Our selected strain is the result of many years of careful breeding from the most carefully selected roots. The beets from this pedigree seed are all alike, practically every one being of perfect globe shape with small tops and slender tap root while the color is uniformly deep crimson showing no light rings when cooked. We can confidently assert after trying many high-priced strains of seed that there is no better stock of Detroit beet than Harris to be had at any price. Pkt. 8c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.



Detroit Dark Red Beet



BENDER'S SURPRISE MUSKMELON

We do not know of any large muskmelon or canteloupe quite equal to the Bender melon. It has exquisitely fine flavor; it grows to a large size and the melons are very firm and keep for a week after being picked.

The Bender melon ripens medium early. In a favorable season if planted in the open ground the middle of May, the melons will ripen the last of August.

Mr. Bender's melons have a wide reputation for high quality among clubs and the best hotels. The seed was never offered by any dealer for a long time, but the public now has an opportunity to get seed that is of the genuine Bender strain which we have grown and selected a number of years.

The flesh is deep orange colored, very thick, deliciously sweet and of high flavor.

The melons are of oval shape, light green with coarse netting. When ripe the melons turn a golden tint which shows through the netting and gives the fruit a very attractive appearance.

The size of the melons averages quite large, many weighing 10 pounds. We have had melons that weighed 16 pounds each.

A valuable point about these melons is that they will keep in good condition five or six days after picking, and actually improve in flavor during that time. The flesh is so firm and thick that the melons remain firm and in good condition much longer than other large melons of this class. For market and shipping this is an important consideration.

We offer seed of our own growing, and of a very fine selected strain. Pkt. 10c; oz. 55c; $\frac{1}{4}$ lb. \$1.60; 1b. \$6.00.

WASHINGTON ASPARAGUS

The U. S. Department of Agriculture has been breeding up asparagus to get a strain that is rust-resistant and of superior size and quality. The work has been going on since 1908 and the results have been very gratifying. A strain of asparagus has been developed, which is not only rust-resistant, but is also larger and more vigorous than the common varieties. This new strain has been named "Washington."

This is really the only distinct strain or "variety" of asparagus. Other so-called varieties are practically all alike.

Those who intend starting an asparagus bed should use the improved strain. Two years ago we received some of the true seed from the U. S. Department of Agriculture and are now able to offer both seeds and roots of the highest quality. For price see page 17.



Beats the Picture

"We had last year a plant of Harris' Earliest Pepper that badly beat your photograph in catalogue. It carried on it 27 full size peppers, the twenty-eighth being a flat wedge between two husky ones."

Frank R. Rolberton, Wakefield, R. I.
March 20, 1922

A Surprise

"I beg to state that Harris' Earliest pepper is all you claim for it and then some."

"We picked our first peppers July 12th and the last ones the 27th of October. The plants were loaded all that time."

"If you have any more vegetable wonders that will live up to their catalogue reputation as well as this pepper does kindly advise me. I have been bunked so many times by flowery descriptions that this pepper is a surprise."

W. Harrison Jordan, South Attleboro, Mass.
March 11, 1922

HARRIS' EARLIEST PEPPER

Many people have difficulty in getting pepper plants to bear well. This generally is due to the variety used and the locality where the seed was raised. Southern grown seed will not do for the northern states, nor will the late kinds of peppers produce well here.

Harris' Earliest pepper will bear profusely and the fruit matures very early. We often get a lot of ripe (red) peppers the first part of August. Of course there are plenty of green peppers on the plants long before that date.

The plants are only a foot or 18 inches high and usually produce so many peppers that they seem hardly able to support them, so thickly are they clustered all over the plant.

The fruit is of good size, 3 to 3½ in. high and 2 to 2½ in. in diameter. The flavor is very mild so that the peppers may be eaten like an apple.

If you want peppers and lots of them plant Harris' Earliest. In an average season Harris' Earliest will produce five times as many peppers as any other sweet kind and they matured much earlier. For the northern parts of the country this is the only large sweet pepper that can be relied upon to produce a crop every season.

Some seedmen are offering Harris' Earliest pepper which was grown in southern New Jersey. This seed can be raised at a much less cost than the northern grown seed we offer, but it does not give as good results.

We offer seed of our own raising on Moreton Farm. It is northern grown and of a pedigree strain. Pkt. 10c; ¼ oz. 30c; oz. \$1.00; ¼ lb. \$3.50.

Some letters from those who have raised Harris' Earliest pepper.

"Your seeds have done the best for me of any I ever bought, but you do not come quite strong enough in your recommends for the peppers. I have picked 18 good sized peppers at one picking from Harris' Earliest and still left a lot of small ones on the plant. They have got it over any pepper I ever saw for yield and flavor." W. J. Ingersoll, Angola, N. Y.

"Prior to 1919 I had never had any luck with raising peppers. That year I obtained a package of Harris' Earliest from you. While yet very small plants, peppers began to come on them and continued to do so until frost came. I have never seen anything like them to bear and the quality is all that is desired in a pepper. I have recommended it to my friends as 'The Pepper.' Jesse W. Loundberry, Hannibal, N. Y.

"I feel like writing to tell you how well your 'Earliest pepper has yielded, as we never had so many peppers or had them so early. They have been bearing heavily since the last of July and the plants were small when first set out." Geo. W. James, Frankfort, N. Y.

NEW YELLOW PEPPER—OSKOSH

Yellow peppers are usually not very popular, but this new variety is of such exceptional merit that we feel sure it will be largely grown when gardeners find out what it is.

The peppers, before they mature, are of a deep green, very large, smooth and of the best shape for stuffing. When ripe the color is a deep golden yellow. The flesh is exceptionally thick—more so than any other large pepper that we know of.

Another important point is that the Oskosh is the sweetest pepper grown. We have never tasted a pepper of such mild, sweet flavor. It is quite distinct in this respect from other "sweet" peppers.

The plants produce large crops of these big peppers. There are often a dozen or more large green peppers on a plant at a time, being more prolific than other kinds of equal size, such as Ruby King, Giant Crimson, etc. which mature about the same date.

We highly recommend this new pepper to those who wish to raise green peppers for market or home use where large size and exceptionally fine quality is more desired than earliness.

Pkt. 12c; oz. \$1.00.

Magnum Dulce Pepper "Large Sweet"

This new pepper resembles the Chinese Giant in size and shape but is better than that variety in every way. The peppers average larger, have thicker flesh, and the plants are more prolific. The fruit is enormous, being the largest of any variety we have ever grown. The shape is shown in the photograph reproduced here.

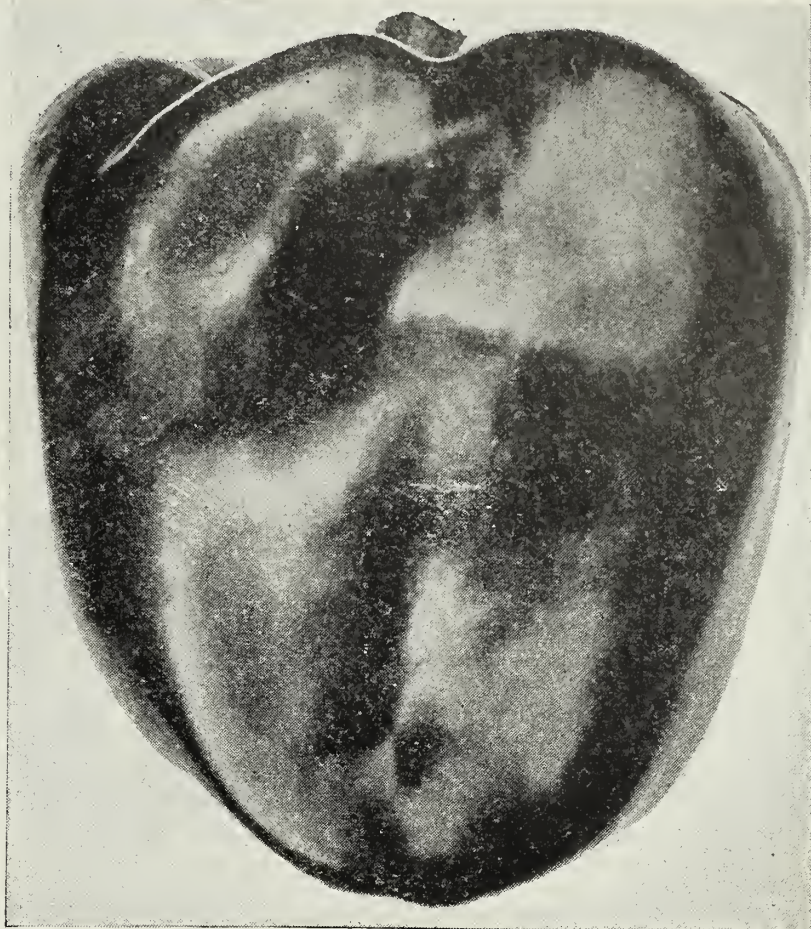
The plants produce a good quantity of fruit, although, of course, not as many as some of the smaller varieties. The fruit is deep green when young and bright red when ripe. It matures medium late or about the same time as the other large varieties.

Those who want the largest peppers will find this variety an excellent one

Pkt. 10c; oz. 60c; ¼ lb. \$2.25; lb. \$8.50.



Magnum Dulce Pepper



New Oskosh Pepper

EBENEZER ("Japanese") ONION

Those who wish to raise onions of very mild, delicate flavor will find the Ebenezer most desirable. The onions are yellow, somewhat flattened and very firm, so that they keep in good condition all winter. If sets of this variety are planted early in the spring, large ripe onions are produced in July. These can be used during the summer and fall and stored for winter if desired. This is an easy way to raise onions, and they are of the very best quality and mature a month earlier than a crop raised from seed. This is the onion called "Japanese" by some dealers.

Seed—Pkt. 10c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.

Sets—Lb. (quart) 40c; 8 lbs. (peck) \$2.25.

HARRIS' PEDIGREE TOMATOES

We have for years been breeding up special strains of some of the leading varieties of tomatoes. Each year the best plants are staked and numbered and the seed from each is sown separately and a record is kept of the results. In this way we are able to get a strain that "breeds true" so that every plant produces perfectly smooth, well-colored fruit. We also pay special attention to high yielding plants so our strains produce larger crops than from seed grown in the ordinary way.

We have pedigree strains of the following varieties: Earliana, John Baer, Bonny Best, Success, Stone. See pages 43, 44.

A LITTLE KNOWN VEGETABLE

How many people know that Celeriac is a really excellent vegetable? Celeriac is a variety of celery that produces a large bulb on the root which is used as a vegetable. This bulb cut into cubes, bailed and served with a cream-sauce is delicious. It resembles Salsify or Vegetable Oyster but has more flavor. It is well worth raising.

DELICACY is the best variety. Sow seed early and transplant the same as celery. Pkt. 10c; oz. 30c.



NEW EARLY PEA—ACQUISITION

This is a large-podded early variety which is ready to use a day or two earlier than Thomas Laxton and Gradus and yields more than these varieties. The pods are 4 in. long, very plump, saddle-backed, and well filled. The vines are 2½ ft. tall and yield large crops.

This is going to be a valuable early market pea. With this pea you can get really large pods on the market earlier than any other large podded variety. These large pods always bring high prices before the later kinds are ready.

This is a smooth seeded pea of good quality, but not quite equal to Gradus in this respect.

Pound 30c; 2 lbs. (qt.) 55c; 6 lbs. (4 qts.) \$1.85; 12 lbs. (peck) \$3.30.

MACOMBER TURNIP—A Turnip of Quality

We have found this Swede Turnip or Ruta Baga of very much finer quality for table use than any other turnip we have tried.

Ruta Bagas are often rather coarse, but the Macomber is as sweet and fine grained as a good squash. We have never tasted a turnip of any kind of such fine quality as this.

The turnips are white with purple tops, smooth, round and handsome with small tops and practically no neck.

The flesh is white, fine grained, sweet and of mild flavor. They will keep all winter and remain in fine condition for the table if properly stored.

We highly recommend this turnip for the home garden or market where quality is appreciated.

To get the best results the seed should be sown about the middle or last of June in the Northern states. **Pkt. 10c; oz. 30c; ¼ lb. 80c; 1b. \$3.00.**

"I wish to speak a few words in praise of the Macomber turnip. It is the very best I ever raised or tasted. Every one who has tried it speaks the same about it, both locally and in Hartford where I sell much of my produce. I expect to store 100 bushels next winter. Some of them weigh 8 pounds, but are just as tender as the small ones. All your other seeds proved to be good also." Orrin Case, East Granby, Conn.

"There is no other turnip like the Macomber. It is just fine." George Wadsley, Greenfield Center, N. Y.

HARRIS' MODEL PARSNIP

We have been improving the old Hollow Crown parsnip by careful selection for some years until we have obtained a very fine strain which we call "Harris' Model." The shape is shown in the photograph above.

The parsnips grow to a good length, but not too long. The roots are smooth, snow white, and have practically no side roots or prongs. Their whiteness is quite remarkable and gives the roots a very attractive appearance.

Our seed is of our own growing from transplanted and very carefully selected roots and it will be found far superior to the seed usually sold. **Pkt. 8c; oz. 18c; ¼ lb. 45c; 1b. \$1.65.**

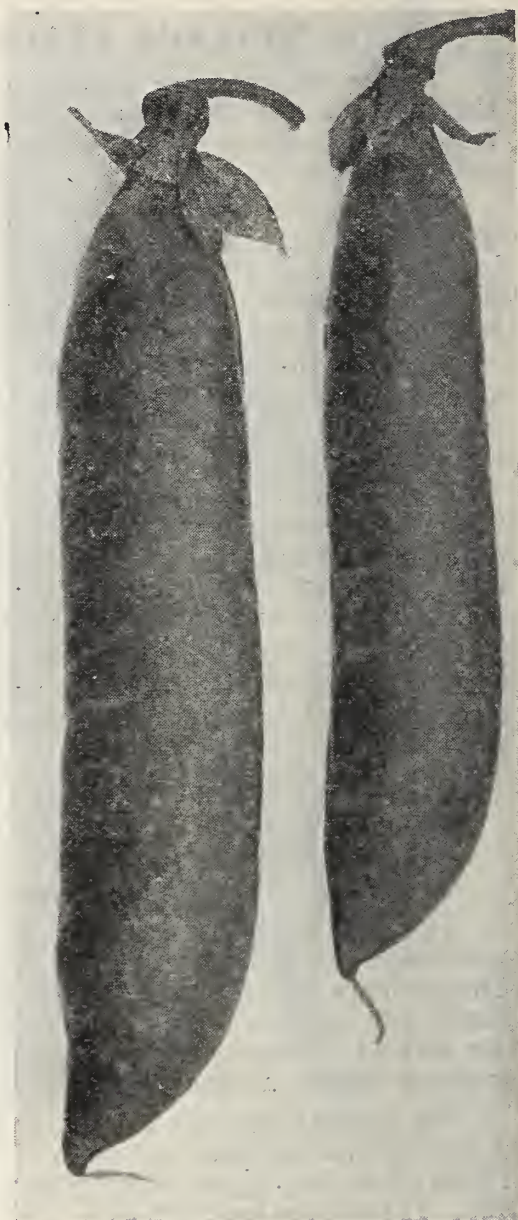
"This spring we are enjoying parsnips raised from your Harris' New Model seed. All say they are the best they ever ate."

—Mrs. P. D. Sawyer, Crodon, N. H.

From a very extensive gardener.

"I want Harris' Model Parsnip seed the same as you sent me last year. It is as fine as silk."—Dell Titus, Irondequoit, N. Y.

"Your New Model Parsnips are head and shoulders above everything else. I have used your seed for a number of years and they beat any seeds I obtained elsewhere, and I have used seed from all the leading Eastern seedsmen."—L. W. Brotman, Broome County, N. Y.



Acquisition

Gradus



Harris' Model Parsnip—Every One a Model. Photographed Exactly as Dug



Photograph of four kinds of Spinach sown the same day. Note the two rows of King of Denmark are still good while all the other kinds have run to seed.

KING OF DENMARK SPINACH

See colored plate on the back of this catalogue

A remarkable new spinach that is far superior to all of the older kinds. Its principal advantage is that it stands **two weeks longer before running to seed than any other variety.** It also grows larger and yields more and is of superior quality.

The leaves are large, rounded, somewhat blistered, and deep green. The plants grow vigorously and are ready to use as soon as any kind; while at the same time they remain a long time in good condition after other kinds have run to seed.

This is a great advantage both for the home garden and the commercial grower. The King of Denmark instead of running to seed keeps on growing for two weeks longer, producing a heavy yield and prolonging the time during which it may be used or marketed.

"Your King of Denmark Spinach lives up to all the high praise you give it and then some. It is the only spinach, the long season and high quality of which makes it really desirable for the home garden. When better known it ought to supplant the other kinds for home use.

Rev. Wells H. Fitch, Riverhead, L. I. June 27th, 1922

We received the following letter some time ago from Prof. Orton of the Bureau of Plant Industry, U. S. Department of Agriculture, Washington.

"I must write to compliment you on the spinach, King of Denmark, which you introduced this year. I find it of very exceptional merit as a long-standing spinach under our spring conditions. Planted March 25th on a fairly fertile Norfolk sandy loam it was still in good condition on June 10th, when the last was cut, with leaves covering nearly two feet of row, very tender and of superior quality. Two seedings of Savoy spinach, on the other hand, have come up and gone to seed during this interval. I trust that you will have no difficulty in securing further stocks of this very valuable variety."

Very truly yours, W. A. Orton, Pathologist U. S. Department of Agriculture

Price: Packet 5c; oz. 12c; ¼ lb. 25c; 1b. 75c. A lower price will be quoted on large lots.



Stanley Cabbage

STANLEY CABBAGE

The Stanley and some other English varieties of cabbage are just as much superior to the common cabbage grown in this country as sweet corn is to common field corn. In England they call our large flat cabbage "cow cabbages," and do not consider them fit for the table.

The Stanley cabbage properly cooked is a delicious vegetable equal in delicacy of flavor to Brussels Sprouts and Cauliflower. If more people raised the Stanley instead of the common hard white kinds, the humble cabbage would take a front place among the most highly prized vegetables. The heads of the Stanley do not get very hard and retain their green color well towards the center, resembling the Savoy in this respect. In shape they are pointed like the Wakefield or Winningstadt and mature medium early, so they can be grown both for summer and late fall use. Don't wait until the heads get hard. They are better when somewhat soft, but well formed. **Pkt. 10c; oz. 50c.**



SCOTIA BEANS

If you want the very best, most tender and delicious "string beans," raise the Scotia.

It is a pole bean and should have some support for the vines, but can be grown without. The pods are long, perfectly round, straight, entirely stringless and of the very highest quality.

Many of our customers who have raised the Scotia bean for years know how delicious it is, but those who have not tried it have a treat awaiting them.

The pods of the Scotia when cooked are so much better than any other kind that nothing else will do after once tasting them. They have a rich, melting, buttery flavor possessed by no other bean.

They commence to bear as soon as the early bush beans are gone.

A few hills will produce enough for a family and if kept picked will bear all through August and September when the earlier bush beans are gone. Plant enough to can—they are delicious; far more rich and tender than any other canned beans we have ever eaten. Pkt. 12c; 1b. 40c; 2 lbs. 70c; 15 lbs. (peck) \$4.00.

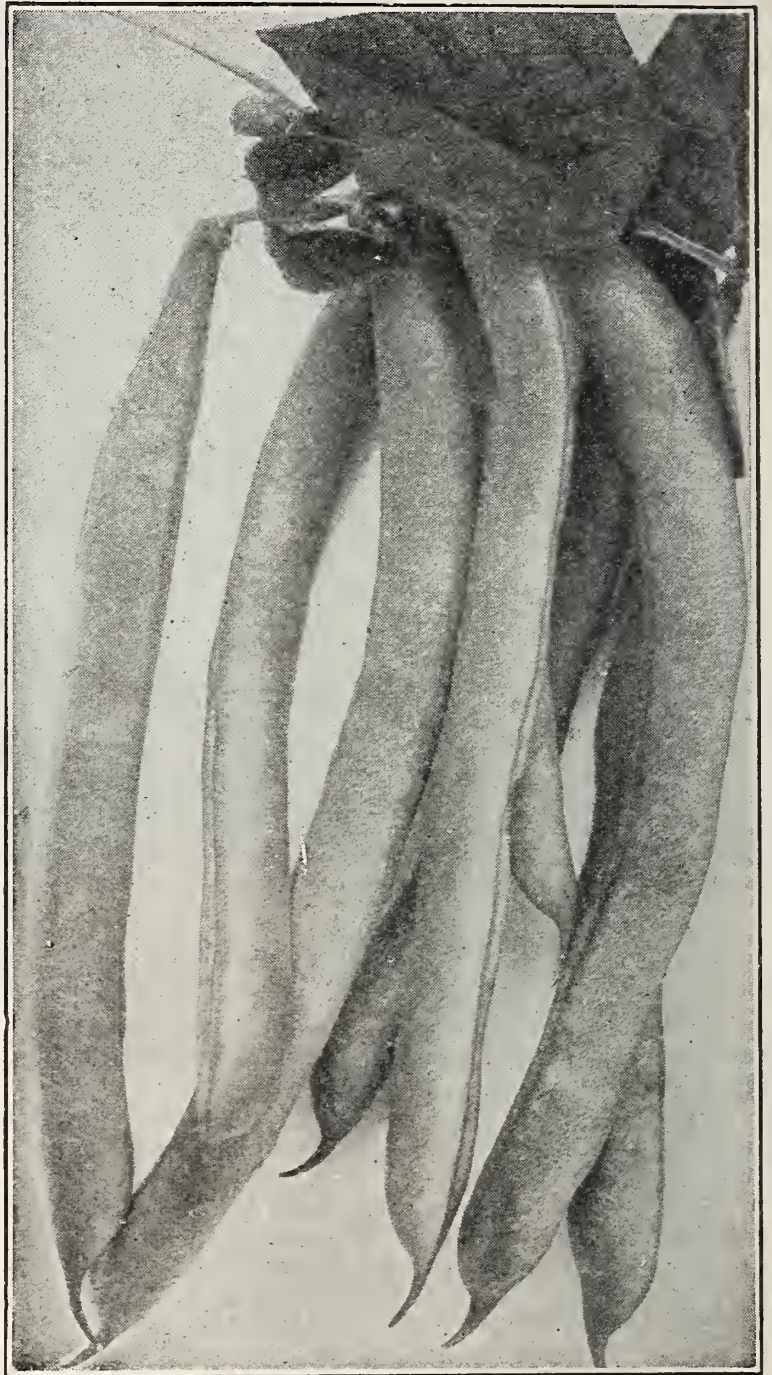
"The Scotia beans purchased from you last year surpass in quality, I think, any other bean we ever tried, and they are also wonderful for their productiveness. Many of the vines were six feet or more in height and were covered from top to bottom with a perfect mass of large and beautiful pods. They were greatly admired by all who saw them."—James R. Springer, Zelenople, Pa.

"The picture of the Scotia Bean shown in your March 6, 1918 catalogue is altogether too modest. I have grown the Scotia for the past seventeen years, and there has never been a season when I could not have shown a larger bunch than the one you pictured. It is by far the finest green-podded pole bean on the market. It is especially valuable for preserving by the "cold-pack" process."—Rev. Francis E. Webster, Waltham, Mass.

"The Scotia beans were the best ever for canning and general use. You should let every one know about how good they are."—Frank A. Hale, Syracuse, N. Y.

"The Scotia beans are very fine. Flavor is superb, unlike any other bean I have tasted."—J. R. B. Lehman, Cherry Valley, N. Y.

"The Scotia beans we got of you proved to be the best bean we ever raised. They are certainly a wonder to yield and cannot be beat for green beans. After our customers get a taste of the Scotias they want no other."—Geo. W. Brown, Conneaut Lake, Pa.



Scotia Beans (Photograph)

QUALITY SQUASH

We called this new squash "Quality" because of its delicious quality when cooked.

It is not a large squash nor more prolific than other kinds, but the "real test of a pudding is in the eating," and so it is with a squash. After eating this new kind we are quite sure all will agree with us that it is the best squash they have ever eaten.



The "Quality" Squash

The thick orange yellow flesh cooks as dry as a good sweet potato, and is sweeter and finer flavored than any other kind we know of. The fruit is of medium size, weighs from 5 to 10 pounds and is of peculiar shape, as shown in the photograph to right. The outside shell is green, thin and hard, while the flesh is very thick, deep orange in color and fine grained, sweet and delicious. It is a winter squash and will keep a long time. Everyone who appreciates squash of high quality should try some of this kind. Pkt. 10c; oz. 35c; 1/4 lb. 85c. 1b. \$3.00

VEGETABLE SEEDS

GENERAL LIST

The prices in this do not include delivery by parcel post, except for packets and ounces, which will be mailed without any extra charge.

For postage rates on seeds in larger quantities see page 4.

Directions for Cultivation. We issue a little pamphlet called "Cultivation of Vegetables and Flowers," which will be sent free with all orders amounting to 50¢ or more, if requested.

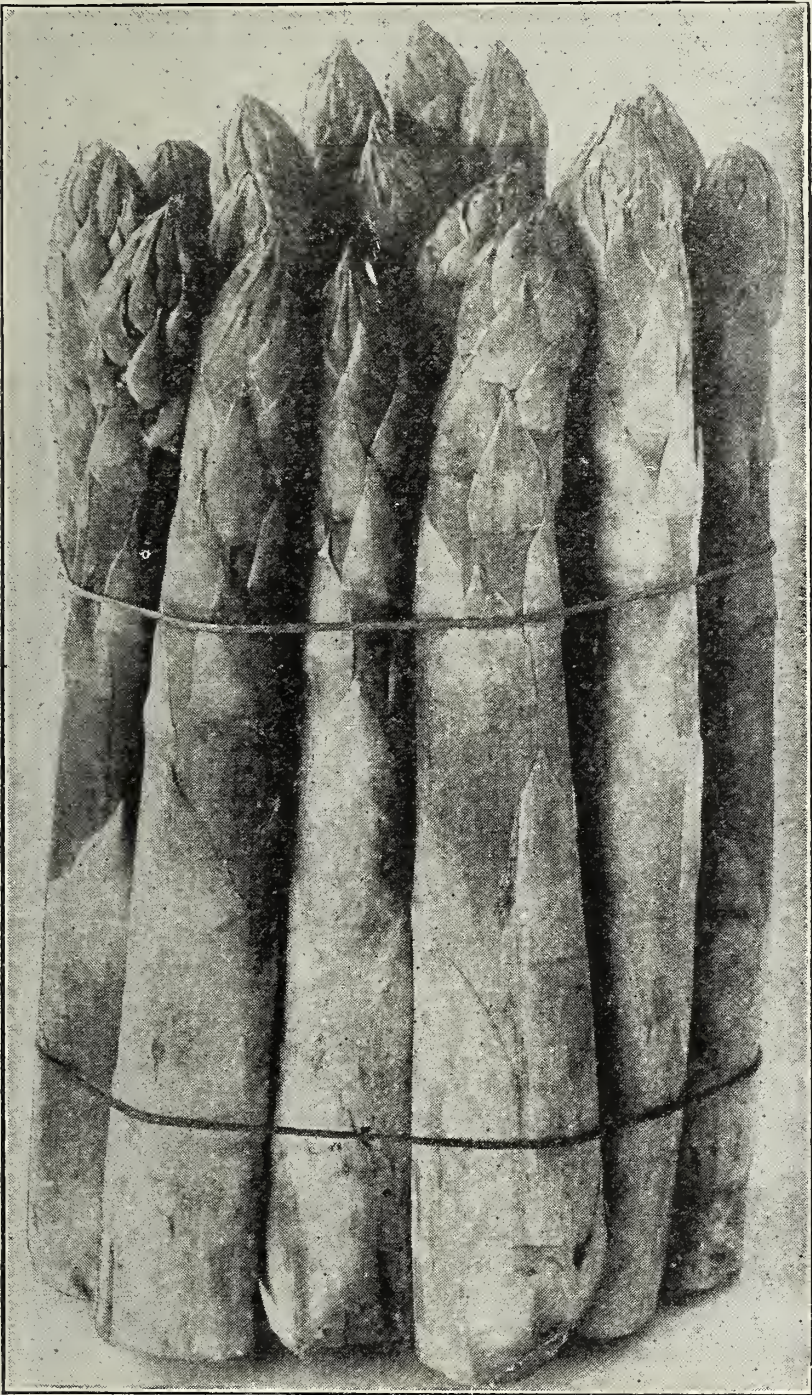
Artichoke (Ger.)

ARTICHOKE

Carciofo (It.)

The French or Globe Artichoke is largely used as a vegetable and is entirely different from the tuberous or Jerusalem Artichoke. The Globe Artichoke is a perennial and produces the flower buds which are used for food the second year after sowing the seed. North of Virginia the plants require protection in winter. The seed is sown early in the spring. Cover the crowns of the plants with a mound of coal ashes as soon as the ground freezes.

LARGE GREEN GLOBE. The standard variety. Pkt. 10c; oz. 55c; ¼ lb. \$1.75.



Giant Argenteuil Asparagus

Spargel (Ger.)

ASPARAGUS

Sparagio (It.)

Asparagus Seeds. To raise asparagus from seed the seed should be sown early in the spring. One ounce of seed will sow 75 feet of row and produce about 250 plants. The plants may be set in the permanent bed when either one or two years old.

WASHINGTON. A new rust-resistant asparagus originated at the plant breeding station of the U. S. Department of Agriculture at Washington. This strain is not only practically free from rust and other diseases but it is also larger and more vigorous than the common kinds. This is the only distinctly improved variety. Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$3.25.

GIANT ARGENTEUIL. A French variety with large green stalks tipped with purple. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c.

ASPARAGUS ROOTS

There is nothing so important about raising asparagus as the quality of the roots. The majority of roots sold are small and stunted. People who do not know what really good roots look like accept these worthless things, and of course, do not get good results, and think they cannot raise asparagus. As a matter of fact if they got really well grown roots they would have had no trouble in establishing a good bed which would yield an abundance of large shoots every year.

The best roots to use are well grown one-year-old roots. They give much better results than ordinary 2-year-old roots which are always much more apt to be injured in digging and so crowded in the row that they are stunted in growth and never give the best results.

To start a bed it is only necessary to set out the roots on good soil and give them ordinary care to keep weeds down, etc. No special preparation of the land is necessary. It should be prepared as for planting potatoes and should be made rich by applying a heavy dressing of manure, which should be plowed or spaded in. The roots are set out 18 to 24 inches apart in the rows which should be 4 ft. apart. 100 roots make a good bed, but more should be set out for a larger family.

Full directions for planting will be found in our pamphlet containing culture directions which will be sent with every order if requested.

WASHINGTON ASPARAGUS ROOTS. This new kind is the only really distinct improvement made in asparagus for a great many years. It is not only resistant to rust but the shoots are much larger and more vigorous than the old kinds. We can offer some very fine roots of our own growing as follows:

1 year old roots. The U. S. Department of Agriculture recommends the use of one-year-old roots exclusively. When the roots are really good they certainly give the best results. Large selected roots. Doz. 45c; 100 \$3.00; 500 or more, \$2.50 per 100. Special prices will be quoted on large lots.

GIANT ARGENTEUIL. 1 year old roots. Doz. 35c; 100 \$1.75; 500 or more, \$1.50 per 100.

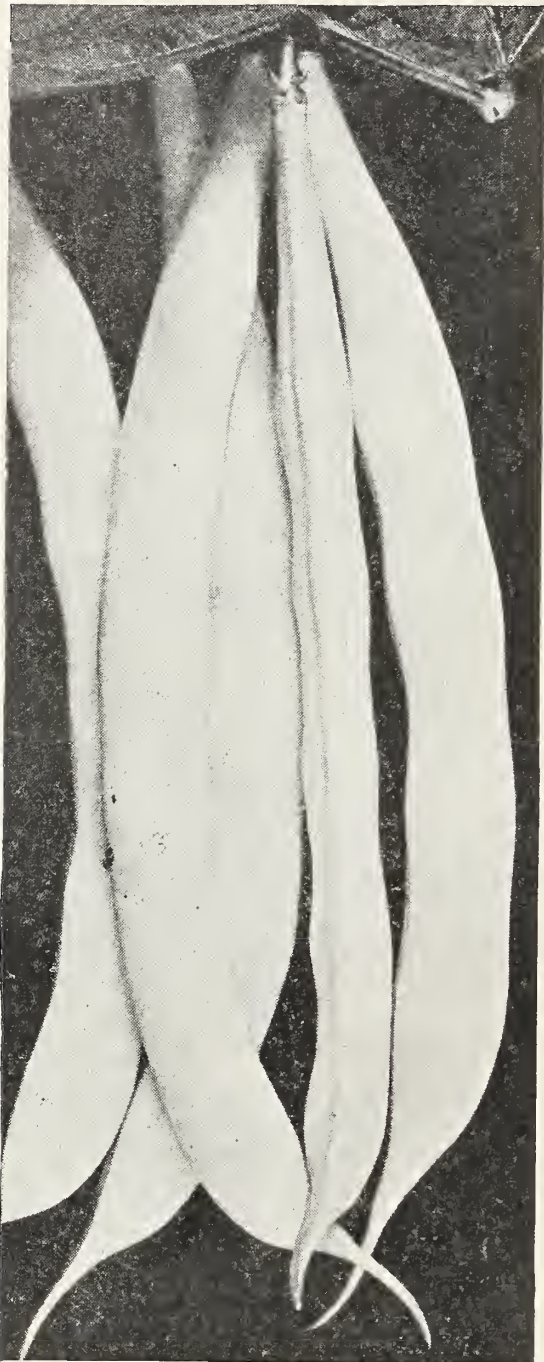
Weight of roots when packed for mailing by parcel post. 2-year old roots, doz. 3 lbs.; 100, 20 lbs. 1 year old roots, doz. 1 lb.; 100, 8 lbs.



Bohnen (Ger.)

BEANS

Faginoli (It.)



Webber Wax or "Cracker Jack" Bean
One of the best wax or yellow podded bush
beans. Very early and of fine quality.

DWARF OR BUSH VARIETIES

Being of the easiest culture and taking little room there is no more valuable crop for the home garden than "snap" or "string" beans.

Plant in rows 2 to 2½ feet apart, dropping the seed 2 inches apart, or in groups of 3 or 4 at intervals of a foot in the row. This makes hoeing easier. Do not plant until the ground is warm. In New York state and New England about May 10th is early enough.

A "packet" of Bush beans will plant 20 feet of row; a pound 150 feet.

1 lb. is equal to a pint, 2 lbs. 1 qt., 15 lbs. a peck.

WAX OR BUTTER BEANS

Webber Wax and Valentine Wax are the earliest varieties. The Webber Wax has flat pods and Valentine Wax round pods.

	Pkt.	Lb. (pint)	2 lbs. (qt.)	15 lbs. (peck)
WEBBER WAX or "Cracker Jack." One of the earliest and best wax varieties. Pods long, straight, flat, stringless and of good quality. A prolific bearer and quite free from rust.....	\$.10	\$.28	\$.50	\$ 2.40

VALENTINE WAX. Very early, has round light yellow pods of the finest quality. A very desirable kind for the home garden.....	.10	.30	.55	3.00
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BURPEE'S NEW KIDNEY WAX. Long flat, yellow pods of fine quality. Very early and productive.....	.10	.28	.50	2.55
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WARDWELL'S KIDNEY WAX. Very large, flat pods of deep butter yellow. Early and of high quality. One of the best "butter beans".....	.10	.25	.45	2.25
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ROUND-POD KIDNEY WAX (called also "Brittle Wax"). Like Wardwell's, but has round pods.....	.10	.28	.50	2.55
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HODSON WAX. Very prolific, yielding nearly twice as much as other kinds. Quite late; pods long, flat, straight and handsome, but of only fair quality.....	.10	.28	.50	2.40
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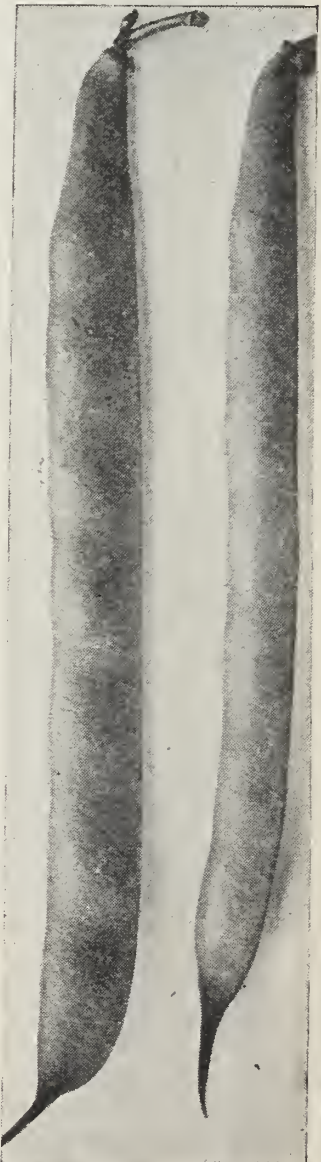
DAVIS' WHITE WAX. Very hardy and prolific, of only fair quality.....	.10	.28	.50	2.40
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IMPROVED RUST-PROOF GOLDEN WAX. Short flat pods of good quality. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.40.

CURRIE'S RUST-PROOF BLACK WAX. (Improved Black Wax). Flat, deep yellow pods of good quality, very hardy and prolific. One of the best wax beans for market. Matures very early. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.40.

SURE CROP WAX. An improved Currie's Rust-proof with longer pods and yields more. The pods are deep yellow, stringless, and of fine quality, and usually free from rust. A very desirable variety. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.55.

REFUGEE WAX. (Stringless). Very prolific, like the Refugee green-podded bean, but has yellow wax pods which are round, thick, 4½ inches long and of fine quality. Matures a week or 10 days later than the earliest kinds. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.55.



Bountiful

Giant
Stringless
Valentine

GREEN PODDED DWARF OR BUSH BEANS

FULL MEASURE. Round pods; very prolific; medium early and of finest quality. On this account it is especially valuable for the home garden. Pkt. 10c; lb. 30c; 2 lbs. 55c.

STRINGLESS GREEN POD. Round pods of high quality. Early and productive. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.55.

GIANT STRINGLESS VALENTINE. Round, thick stringless pods of fine quality; very early and one of the best green beans with round pods. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.70.

BLACK VALENTINE. Very early and prolific and one of the most profitable market varieties, but not of high quality. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.70.

BOUNTIFUL. The pods are long, straight, flat, and entirely stringless. Very productive and continues in bearing a long time. One of the best. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.55.

GODDARD OR BOSTON FAVORITE. Used both for snaps and as a shelled bean. Pods 5 in. long, green splashed with red; beans large and of good quality for shelling green. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.55.

IMPROVED ROUND-POD VALENTINE. Extra early, very prolific. A good variety. Pkt. 10c; lb. 30c; 2 lbs. 50c; 15 lbs. \$2.55.

REFUGEE, OR 1000 TO 1. Round, light green pods of good quality when young; matures late and is wonderfully prolific. Pkt. 10c; lb. 25c; 2 lbs. 45c; 15 lbs. \$2.25.

NEW STRINGLESS REFUGEE. A stringless strain of the old Refugee. See page 6. Pkt. 10c; lb. 35c; 2 lb. 60c; 15 lb. \$3.75.

RUBY DWARF HORTICULTURAL. Better than the old Horticultural. Pods of good length, light green, heavily splashed with bright red. Used both as a snap and shell bean. Pkt. 10c; lb. 28c; 2 lbs. 50c; 15 lbs. \$2.55.

FRENCH HORTICULTURAL. Although a week or ten days later than the common Horticultural this bean is valuable because it produces larger crops and the pods are large and handsome. The vines grow 2 feet tall and produce immense crops. Pkt. 10c; lb. 30c; 2 lbs. 55c; 15 lbs. \$2.85.

Four quarts of one variety will be supplied at half the peck price.

For beans in large quantities see our Market Gardener's wholesale price list, which will be sent to market gardeners on application.

DWARF OR BUSH LIMA BEANS

Bush Limas are more easily raised than the pole varieties, but do not yield quite as much. They do best on rather heavy or "strong" land. Do not plant too early as the seed is apt to rot if the ground is wet and cold. The seed should be planted in rows 3 feet apart and drop two in a place a foot or 18 inches apart. A pound of seed will plant about 150 feet of row. A packet 30 feet. These beans seem to bear better on heavy soil than on light. The land should not be too rich.

FORDHOOK BUSH LIMA. The best of the "Potato" Limas. The pods are large and the beans are very thick and plump, of fine quality and deep green in color. The vines are vigorous and productive and the beans mature early. Those who prefer the thick "Potato" Limas will find this strain far superior to any other. It is the most profitable variety to raise for market where the beans are sold in the pods. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. (peck) \$3.85.

BURPEE'S IMPROVED. This strain of Burpee's Bush Lima has beans of larger size and deeper green color than the old strain and the vines are more true to the bush form with fewer runners. The beans are both larger and thicker than the old form, and the pods are also larger. With us it is not as prolific as the "Wonder" strain. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. \$3.25.

BURPEE'S BUSH LIMA, New Wonder Strain. This improved strain bears larger crops and is earlier than the old and original variety. The beans are large, flat and of fine quality. This is the earliest large podded Lima, and with us the most prolific of the bush type with large pods. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. (peck) \$3.25.

HENDERSON'S BUSH LIMA. Small, early and prolific; not of quite as fine quality as Burpee's Bush and Fordhook, but much hardier, earlier, and more easily raised. Pkt. 10c; lb. 30c; 2 lbs. 55c; 15 lbs. (peck) \$3.00.

POLE LIMA BEANS

These Limas require some support for the vines to climb on. Poles 6 to 7 feet long answer very well, but if not available a neat and cheap trellis can be made by placing a strong post at each end of the row and running a strong fence wire at top and bottom. Strings are then run from one wire to the other forming a support for the vines. The string is run back and forth from one wire to the other without tying or cutting. The wire should be drawn tight and the post braced in some way. Plant 3 or 4 seeds in a place about two feet apart.

A packet will plant 15 "hills", a pound 80 "hills".

KING OF THE GARDEN LIMA. A very large podded variety, but not quite as early as the Leviathan. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. (peck) \$3.30.

EARLY LEVIATHAN LIMA. This is the earliest large-podded pole Lima we know of. The pods are large and often contain five beans which are of good size and of the finest quality. The pods are produced in clusters and in great abundance. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. (peck) \$3.00.

IDEAL. The pods are immense, often 7 in. long and containing 6 large beans. This variety is a little later than Leviathan but the pods are larger and there are fully as many of them. For places where the seasons are not too short, this is one of the best pole Limas. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. (peck) \$3.00.

CHALLENGER LIMA. This is an improved strain of the old Dreers' or Potato Lima. The beans are plump, being very thick through, but not quite as large as the flat type like Leviathan. Pkt. 12c; lb. 35c; 2 lbs. 60c; 15 lbs. \$3.25.

OTHER POLE BEANS

Although not always necessary most of these varieties do best if given some support for the vines.

SCOTIA. If you want the very best, most tender and delicious "string beans," raise the Scotia. The pods are long, perfectly round, straight, light green, entirely stringless and of the very highest quality. See page 16. Pkt. 12c; lb. 40c; 2 lbs. 70c; 15 lbs. (peck) \$4.00.

KENTUCKY WONDER. The pods are very long, round, light green, entirely stringless and of high quality. The vines are enormously productive, and the pods mature quite early, being the earliest of the pole varieties. Although the quality of the pods is very fine it is not quite equal to the Scotia. Pkt. 10c; lb. 30c; 2 lbs. 50c; 15 lbs. (peck) \$2.70.

LAZY WIFE. Pods five inches long, broad, flat, stringless, and very brittle and of good quality. Very productive but matures later than Kentucky Wonder and Scotia. Dry beans, white. Pkt. 12c; lb. 40c; 2 lbs. 75c.

GOLDEN CLUSTER WAX. Immense pods eight inches long and ½ inch wide, golden yellow, thick, tender, brittle, stringless and of fine quality as a snap bean. Very prolific and matures in midseason. Seed white. Pkt. 12c; lb. 40c; 2 lbs. 75c.

SCARLET RUNNER. Grown principally as an ornamental vine. The flowers are large, and produced in clusters and are bright scarlet. Pkt. 12c; lb. 45c.

SPECKLED CRANBERRY OR HORTICULTURAL. The pods are 5 inches long, stringless, deep green, splashed with red when mature. Can be used as snap beans or for shelling green. Pkt. 10c; lb. 40c; 2 lbs. 75c; 15 lbs. (peck) \$4.35.

FIELD BEANS

The following varieties of beans are used for baking, soups, etc., and are grown extensively as field crops. These beans should be planted in rows 28 inches apart, dropping the seed about 10 to the foot of row. A quart will plant from 250 to 300 feet of row, depending on the size of the beans.

YELLOW EYE. Medium size white beans with a yellow spot or "eye." Many people consider this the best bean for baking. It produces large crops and matures early, and is less subject to the diseases which often attack other kinds. Pkt. 10c; lb. 25c; 2 lbs. 45c; 15 lbs. (pk.) \$2.50; 60 lbs. (bu.) \$9.60.

BOSTON MARROW OR WHITE MARROWFAT. Large plump white beans of high quality; very productive on good soil. The seed we offer is the true large Marrow, not mixed with small beans as is usually the case. Pkt. 10c; lb. 25c; 2 lbs. 40c; 15 lbs. \$2.50; 60 lbs. (bu.) \$9.60.

RED KIDNEY. Large, red kidney-shaped beans; yields heavily on strong land. Considered one of the most profitable beans to raise for market. Our stock is very fine and of a rust-resistant strain. Pkt. 10c; lb. 25c; 2 lbs. 45c; 15 lbs. \$2.25; 60 lbs. \$7.80; 100 lbs. \$13.00.

MARROW PEA OR WHITE NAVY. Small, round, white beans of excellent quality. The vines are vigorous and prolific. This is the variety that is most largely grown as a field crop for market. Pkt. 10c; lb. 25c; 2 lbs. 45c; 15 lbs. (peck) \$2.00; 60 lbs. (bu.) \$7.20; 100 lbs. \$12.00.

"ROBUST" PEA BEAN. An improved strain of Marrow Pea beans which resists the Mosaic disease that is often very destructive to the ordinary type of this variety. In other respects the beans are the same. Pkt. 10c; lb. 25c; 2 lbs. 45c; 15 lbs. \$2.25; 60 lbs. (bu.) \$7.80; 100 lbs. \$13.00.

WHITE KIDNEY. Large, white, kidney-shaped beans. This bean is of the finest quality when cooked, being far superior to common kinds. We highly recommend this bean to all who want to raise the very best bean for baking. Pkt. 10c; lb. 25c; 2 lbs. 45c; 15 lbs. (peck) \$2.40; 60 lbs. (bu.) \$9.00; 100 lbs. \$15.00.

Note. The prices quoted above for Field Beans per bushel or 100 lbs. are subject to market changes. Please write for price if a considerable quantity is required, naming the kinds and quantities wanted.



Ideal Lima



Ruebe (Ger.)

BEETS

Barbabetola (It.)

One ounce of seed will sow 60 feet of row, a packet, 15 feet. Ten pounds will sow an acre in rows 18 inches apart.

Beets can be sown in the spring, and again a few weeks later for a succession. It is an excellent plan to sow some in July for use in the fall. These young beets can be put in a pit or root cellar and covered with sand, and will keep in nice, tender condition for use in winter.

Crosby's Egyptian Harris' Selection. Gardeners who want to raise the finest early beets of perfect shape and color should use Harris' Selected strain of Crosby's Egyptian. See page 10. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

CROSBY'S EGYPTIAN. To meet the demand for cheaper seed of this variety we offer some first-class seed, not of our own raising but grown by a reliable grower. This seed is the same as is sold by most dealers as their very best stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

EGYPTIAN BLOOD TURNIP. This is the old strain of Egyptian beet, having flat beets of very dark red color. This variety is used by many gardeners for forcing and early sowing in the open ground, as it grows rapidly and makes a nice bunching beet of good color and shape very early. The quality of the beets for table use is not as fine as some others. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

EARLY WONDER. A very early beet resembling the Crosby's Egyptian beet, more flattened than a good strain of that variety and is a few days earlier. The beets are dark red and have small tops. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

Long Season. A valuable variety for fall use. The beets remain tender for a long time. See page 10. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.60.

Detroit Dark Red, Harris' Selection. The beets are of perfect globe shape with small tops and fine tap roots. The color is deep red without light colored rings. This is the best beet for canning and is excellent for market and home use. It remains tender even after it gets quite large. It is not as early as Crosby's Egyptian. The beets of this selected strain are uniformly of almost perfect shape and deep red color. There is no finer strain of this variety grown no matter what price is charged for the seed. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

DETROIT DARK RED. This seed is not of our own growing but comes from a reliable grower and will be found as good as any strain of this beet except our special selection. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

Eclipse. This is one of the earliest and handsomest beets grown. The beets are globe-shaped, smooth and with very small tops, and are of the finest quality. Not of as dark color as Detroit Dark Red but grows more rapidly and is ready for use earlier. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 90c.

EDMUND'S BLOOD TURNIP. The beets grow large, yet remain tender and of good quality for a long time. Larger and a little later than Eclipse. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 90c.



Eclipse Beet

LONG SMOOTH BLOOD RED. Roots long, smooth and very dark red, and of high quality. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 90c.

EARLY BLOOD TURNIP. Round, flattened, deep red beets with quite large tops. Deep red and of good quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

EARLY BASSANO. Large, very early and of excellent quality; rather light in color. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

SWISS CHARD, OR SPINACH BEET

Beisskohl (Ger.)

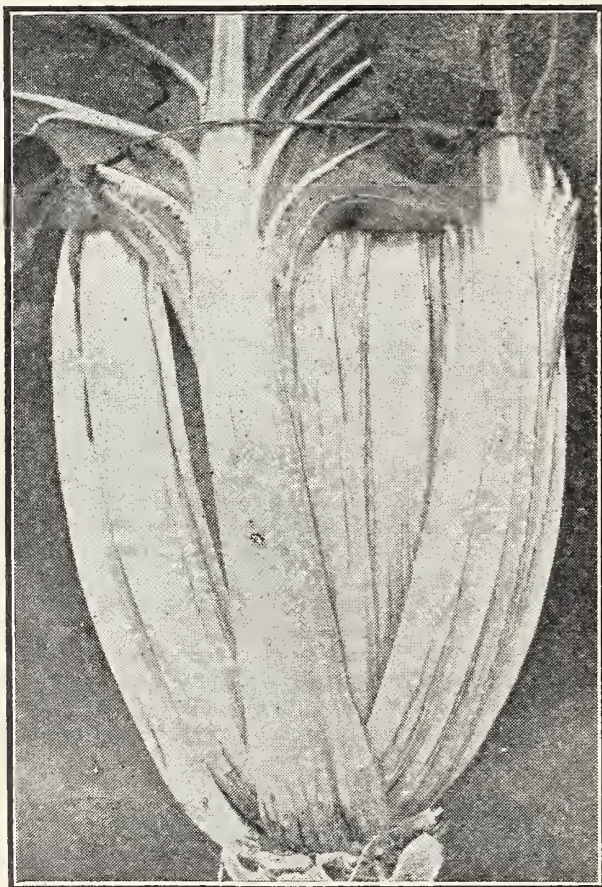
Bieta (It.)

An ounce of seed will sow 50 feet of row, a packet 15 feet.

Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

LUCULLUS. A new variety with curled leaves like a Savoy cabbage. The plants grow nearly 2 feet high and the stems and leaves are very large and of fine quality. The color is light yellowish green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

SILVER LEAF. Large, smooth green leaves with silvery white stems which are tender and of fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.



Swiss Chard—Silver Leaf

"FREE DELIVERY" OF SEEDS

Some seedsmen deliver seeds by mail or express free of charge. This sounds well and influences many people to buy of them. But are the seeds delivered "free"? As a matter of fact the cost of sending the seeds by mail or express for a long distance is added to the price so the purchaser really pays the postage or express charges in a disguised form. This is all right for people who live over a thousand miles away, but the man who lives 50 or 100 miles from the dealer has to pay as much as though the seeds were to be sent a thousand miles. If you live within 1000 miles you can save money by paying your own parcel post or express charges which will be much less than the amount which is added to the price of the seeds when a dealer announces he will deliver the seeds free!

MANGELS AND SUGAR BEETS

A most economical and valuable food for cattle and sheep

There is no crop more valuable for feeding cows and sheep than mangels and sugar beets. Considering the fact that it is easy to raise 40 tons or more per acre and that the whole root is perfectly digestible, there being no waste as is the case with corn stalks or other coarse fodder, there is no other food more economical. Not only this, but cows fed on mangels during the winter will give more and better milk than they will on any other food. Sheep also are much healthier and ewes with lambs give more milk, and therefore raise better lambs than if fed only dry food. It is the poorest kind of economy to try to get along without them. Sow about 8 pounds of seed per acre.

Danish Yellow Giant (Sludstrup). This mangel has been found by the Danish Government to yield more and produce more actual food per acre than any other kind now grown. The roots grow to a very large size, of deep yellow color, not as long as Long Red, but larger around, and are smooth and handsome, having small tops and very few side roots. They grow over two-thirds above the ground, so can be harvested with little trouble.

When different varieties of mangels are planted together, the contrast between this new variety and other kinds is very marked, the Danish Yellow Giant being far ahead in size and vigor of growth and yields 100 bushels more per acre than any other kind. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 50c; 5 lbs or more 45c per lb.

Giant Yellow Eckendorf. This mangel resembles the Danish Yellow Giant but is more blunt on the bottom; the roots being nearly the same size the whole length. They grow well above ground so can be raised on poorer and shallower soil than the deeper rooted kind. The quality of the beets is high. The color is deep yellow, with white flesh. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 45c.

GOLDEN TANKARD. Roots oval in shape, bright yellow outside and the flesh is yellow all the way through. The mangels are large, easily harvested and of high food value. We have a very fine selected strain of this variety. The roots grow uniform in shape and the flesh is of a deep yellow color. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 45c; 5 lbs or more 40c per lb.

MAMMOTH LONG RED, or Norbiton Giant. This variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 45c; 5 lbs. or more at 40c per lb.

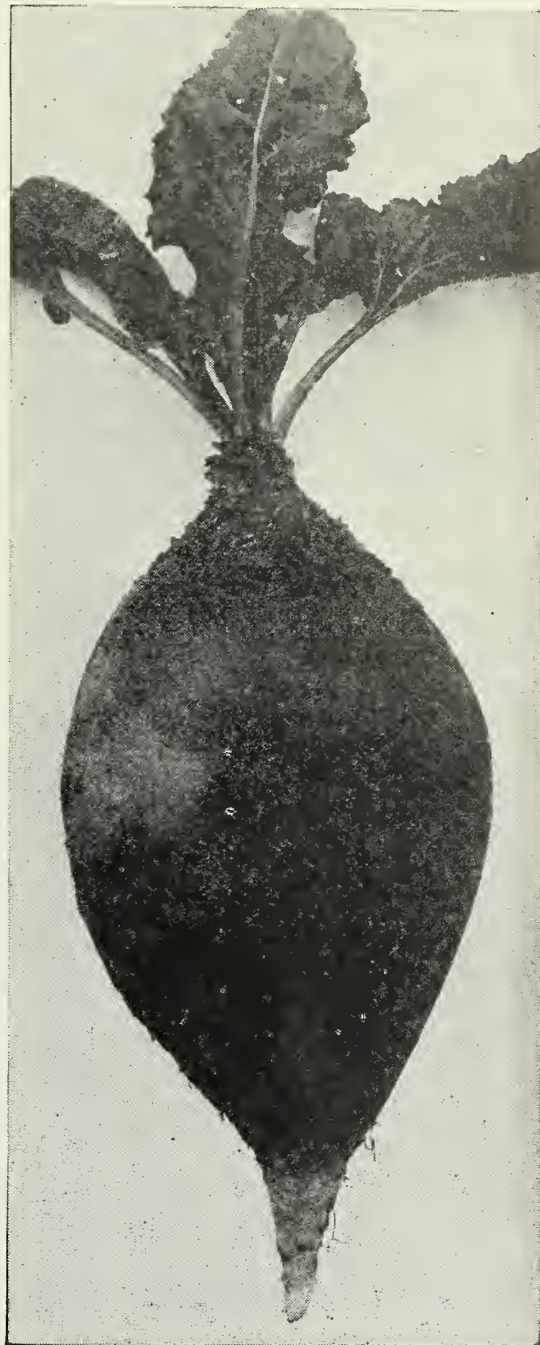
HALF-SUGAR MANGEL. This mangel or giant sugar beet is intermediate between the large mangels and the sugar beets. The roots are white with red tops, and grow to a large size, oval in shape, growing half out of the ground, and have small tops. The roots contain a higher percentage of sugar, and are therefore more valuable for feeding than the larger and coarser mangels. This giant sugar beet yields much larger crops than any other kind of sugar beet and nearly as much per acre as the largest mangels. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 50c; 5 lbs. or more at 45c per lb.

LANE'S IMPROVED SUGAR BEET. This is a large variety of sugar beet suitable for stock feeding. The roots grow nearly half above the ground and are easily pulled. They are of oval shape, white with reddish green top and grow nearly as large as mangels while they contain a much higher percentage of sugar. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 20c; lb. 55c.

If you have a cow raise Mangels. They yield immense amount of food of the most digestible kind. Cows fed on Mangels or beets give more milk and richer milk than on any other food.

Sow the seed in May in rows 2½ ft. apart. Thin the plants by cutting across the row with a hoe, leaving a plant every foot. A man can easily thin an acre a day. The whole labor of cultivating and one or two hoeings does not amount to much.

The mangels are easily harvested and can be stored in a cold cellar or in pits where they will keep all winter.



Danish Yellow Giant Mangel

Rosenkohl (Ger.)

BRUSSELS SPROUTS

Cavolo di Bruxelles (It.)

One ounce of seed will produce about 3000 plants, a packet 200 plants.

A delicious vegetable that is becoming very popular in all large markets. It should be more largely grown in private gardens, as it affords fresh green sprouts in the late fall and winter when other vegetables are gone. It is cultivated like cabbage. Sow the seed in the open ground in May and set out the plants the middle of June 2½ feet apart. The sprouts that grow along the stem are picked off and cooked like cabbage or cauliflower and are of very delicate flavor.

DANISH IMPROVED. A fine new variety that produces uniformly nice, solid sprouts. The plant grows medium tall and the stems are often completely covered with the sprouts. This is one of the most reliable varieties we know of. With us nearly every plant produces a large lot of solid, compact sprouts when set out early enough so that the sprouts have time to mature. Pkt. 10c; oz 40c; $\frac{1}{4}$ lb. \$1.25.

LONG ISLAND IMPROVED DWARF. A popular variety of Long Island where this vegetable is grown on a large scale for market. The plants are about 1½ to 2 ft. high and are covered from the ground up with sprouts. We have a very fine strain that produces large yield of solid sprouts of the best quality. A crop has been raised from this seed so we know it is as represented. Pkt. 10c; oz. 50c.

PLANTS. We can furnish Brussels sprouts plants at proper time for transplanting. See Plant Department, last pages of this catalogue.

"I must write you just a word of praise and compliment for your seeds. I have been using your seeds for the last ten years and have had the best garden this year I ever had and that is saying a good deal. Never had such Asters and Zinnias or Snapdragons as I had this season, and vegetables "Oh boy!" they were so succulent and juicy, all on account of the high quality of your seeds."

C. A. Hamilton, Crestwood, N. J. Oct. 16, 1922

"I am coming back to you again for my garden seeds for 1922. I don't think we ever ate such delicious garden goods as I raised from your seeds of 1921 planting. They had the flavor, tenderness and quality."

F. S. Robinson, Barre, Vt.



Danish Improved
Brussels Sprouts

Kraut (Ger.)

CABBAGE

Cavolo cappuccio (It.)

One ounce of seed will produce 1000 to 2000 plants sown in open ground, or 3000 if sown in frames; a packet about 250 plants. It requires 4 to 6 ounces of seed to produce plants for an acre of ground.

METHODS OF CULTURE. To get very early cabbage in the Northern states the seed should be sown in hot-beds in February or March, or about six weeks before the ground outside is ready to receive the plants. For medium early crop the seed of early kinds like Enkhuizen Glory or Copenhagen Market may be sown in the open ground as early as possible and the plants transplanted as soon as large enough. They will give cabbage ready for use in August if the land is rich and well cultivated. For the late crop the seed should be sown in the Northern states about May 20, and the plants set out July 1. Seed of early varieties may be sown as late as June 10, and will mature a good crop. For late sowing Enkhuizen Glory, Harris' Summer Ball Head and Copenhagen Market are excellent varieties.

Early Varieties of Cabbage. Among the earliest kinds the different strains of Wakefield are best known. Early Jersey Wakefield is extremely early and has medium-sized pointed heads. Charleston Wakefield has larger heads, not so pointed as the Jersey Wakefield, and matures a week later. Of the early, round or flat head kinds, the new Golden Acre and Copenhagen Market are the earliest, while Enkhuizen Glory, Midseason Market and Harris' Summer Ballhead are a little later and are often used for planting late for a fall crop. The new Stanley is of very high quality, being far superior to other kinds for table use.

Late or Main-crop Varieties. Danish Ballhead is now most extensively planted for fall and winter shipping, and is very profitable on good land and under favorable conditions, but it does not yield as much as some of the domestic or flat varieties. It does not succeed south of Pennsylvania. Succession heads evenly and quite early, but cracks badly if not cut as soon as well matured. Volga produces large solid heads and grows so fast that it can be set out late and will produce immense crops.

It has been found profitable in many cases to plant early varieties of flat cabbage for fall market. They produce medium size, hard heads which are preferred in market to the larger heads of the late varieties. For this purpose Harris' Summer Ballhead is the best we know of. It has been found very profitable in this locality. Enkhuizen Glory is also excellent for this purpose. It can be set out as late as August 1 on good land. Red Cabbage is used for pickling and is often very profitable to raise for market. The new Red Danish Stonehead and Mammoth Rock Red are both excellent varieties. Savoy cabbage is of the finest quality and excellent for home use in the late fall and winter.

COPENHAGEN MARKET CABBAGE

A very early round head cabbage nearly as early as Wakefield and has larger heads. As round as a ball; very compact, with few outside leaves. Heads very uniformly; practically every plant making a good firm head.

This is a profitable cabbage to grow for market and an excellent early variety for the home garden.

This variety is largely grown for kraut and is excellent for this purpose. The heads are of fine quality, tender and without coarseness. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; 1b. \$4.50.

ENKHUIZEN GLORY CABBAGE

This cabbage is as early as Charleston Wakefield and grows twice the size. The heads are as round as a ball, very solid and heavy, often weighing 10 pounds or more. It has few outside leaves and will bear close planting.

FOR LATE CROP. This is not only a great cabbage for early market, but it is also a most profitable variety to raise for fall use. If the plants are set out in this locality (western New York) the middle of July the cabbage will mature ready for market in October and immense crops can be raised. On good soil practically every plant will produce a large head weighing 8 to 10 pounds, or 20 tons per acre. The heads are about the same shape as Danish Ballhead and nearly as hard, although they will not keep as well when stored over winter. Pkt. 5c; oz. 30c; ¼ lb. 75c; 1b. \$2.75.

"The Enkhuizen Glory Cabbage I got of you last year was the finest I ever raised. I had about 8 or 9 thousand heads and I don't think there was one that weighed less than 14 pounds. It keeps all winter fine." J. Reimeman, Albany, N. Y. Feb. 15, 1921

"Our Glory Cabbage purchased of you yielded better than 20 tons per acre. I gave a man three heads, one weighed 14¼, another 15½, and one over 17 pounds." Blaine Bonsted, Brewster, N. Y. March 26, 1921

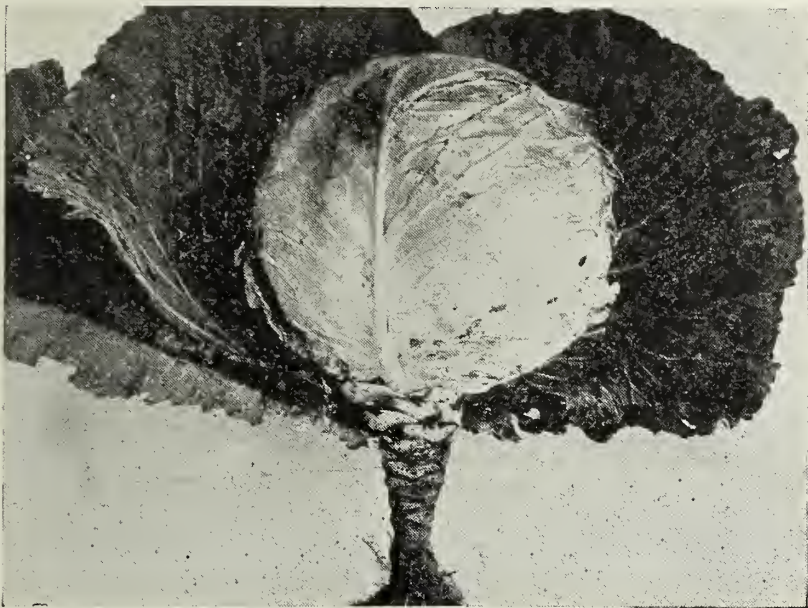
EARLY VARIETIES

	Pkt.	Oz.	¼ Lb.	Lb.
GOLDEN ACRE. The earliest round head cabbage. See page 6.....	\$.20	\$....	\$....	\$....
MIDSEASON MARKET. A valuable new variety. See page 6.....	.10	.75	2.40	9.00
STANLEY (New). Medium early and of very fine quality. See page 15....	.10	.50	1.50	....
EARLY JERSEY WAKEFIELD. The earliest cabbage. Pointed heads of good size, very uniform and compact.....	.10	.40	1.10	4.00
CHARLESTON WAKEFIELD. Larger, broader and not so pointed as the above and a few days later.....	.10	.40	1.10	4.00
BURPEE'S ALL HEAD EARLY. Medium early; large solid flat heads, and of very compact growth.....	.05	.30	.75	2.75
Henderson's Early Summer. Medium early, flat heads.....	.05	.30	.85	3.00



Enkhuizen Glory Cabbage

CABBAGE—Continued



Harris' Summer Ball-head Cabbage

Harris' Summer Ball-head Cabbage

We consider this one of the very best, if not *the* best, main crop fall cabbage. It is an immense yielder often producing 25 tons or more per acre. The heads are almost perfectly round and very firm and heavy, averaging about 10 lbs. each.

This cabbage will keep well and is one of the best kinds for home use during the fall and winter, the quality being very fine—much superior to the Danish. It is also superior for kraut and is very profitable to raise for this purpose.

The plants are vigorous and healthy. We have never known them to be affected with stem rot or blight.

Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$3.50.

To Protect Cabbage From Maggots

Cabbage and cauliflower plants if set out early are often killed by root Maggots. To prevent this, the plants should be protected by a tar-paper collar placed around the stem. These collars are inexpensive and easily applied. See price page 104.

Select Strains of Danish Cabbage

Proved Seed The seed we offer of the following strains of Danish Cabbage is of the 1921 crop, and a crop of cabbage has been raised from each lot so we know the seed is true to name and of a very finestrain. No one will run any risk in using this seed. New seed of the 1922 crop can be supplied if desired, but of course has not been "proved."

The following strains of Danish Cabbage have proved to be the best obtainable both in our trial grounds and in the hands of our customers. All can be relied upon to produce good cabbage of the type described.



Solid Emperor or Tall Stemed

Intermediate

Short Stemmed

Danish Ballhead, "Solid Emperor." This is the old original Danish Cabbage and has tall stems and medium sized, but very hard, dark green heads that keep better than any other kind. The yield is not as heavy as the other two strains described above, but the cabbage often sells for a higher price especially when kept until late in the winter or early spring. **Proved Seed.** Pkt. 8c; oz. 35c; ¼ lb. 85c; lb. \$3.00.

Danish Ballhead, Intermediate. This strain is much like the Short Stemmed except that the stems grow a little longer and the heads are harder and deeper and therefore come out of storage looking better. There is very little difference in the yield of these two strains and where the cabbage is to be stored until spring we would

recommend the Intermediate rather than the Short Stemmed strain. **Proved Seed.** Pkt. 8c; oz. 35c; ¼ lb. \$1.00; lb. \$3.75. **New Seeds, not proved—**Pkt. 5c; oz. 30c; ¼ lb. 75c; lb. \$2.75.

Danish Ballhead, Short Stemmed, This is the yielding strain. Crops of 22 tons per acre are not uncommon. The heads are large, almost perfectly round and very solid, and of good color. Under good average conditions practically every plant produces a solid head. Under general conditions this is probably the most profitable Danish cabbage to raise. **Proved Seed.** Pkt. 8c; oz. 35c; ¼ lb. \$1.00; lb. \$3.75. **New Seed, not proved—**Pkt. 5c; oz. 30c; ¼ lb. 75c; lb. \$2.75.

CABBAGE—Other Main Crop Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Volga. The heads are very large, almost perfectly round like Danish Ballhead. A rapid grower and yields immense crops under favorable conditions.....	.05	.35	.85	\$3.25
Succession. One of the best medium late kinds. Large flat heads.....	.05	.30	.75	2.85
All Seasons. Large flat heads. A popular variety for fall use. A heavy yielder.....	.05	.30	.75	2.85
Surehead. Large deep heads, solid and compact.....	.05	.30	.75	2.85
Premium Flat Dutch. The old standard Flat Dutch. A first-class, large, late cabbage.....	.05	.30	.75	2.75
Winningstadt. Pointed heads of medium size, hard and solid. Every plant heads.....	.05	.30	.75	2.75
RED CABBAGE—Red Danish Stonehead. Very firm heads of good size. Really a red Danish Ballhead extremely hard and deep red all through. Heads very evenly and yields large crops.....	.05	.35	1.00	3.75
SAVOY CABBAGE—Sutton's Best of All. Heads large, quite firm for a Savoy and of very fine quality. This cabbage is of much better quality for the table in winter than common kinds.....	.05	.30	.85	3.25



Mammoth Rock Red Cabbage



Perfection Drumhead Savoy

Mammoth Rock Red. Red cabbage is always in demand for pickling and it usually brings more than twice as much in the markets as white cabbage. If really good seed is used there is no reason why the Red cabbage should not yield nearly as much as Danish Ballhead and prove much more profitable. The Mammoth Rock Red is the largest of the red varieties and the seed we offer produces fine, large, solid heads of good color and practically every plant will produce a good head under favorable conditions. Proved seed of the 1921 crop. Pkt. 8c; oz. 35c; ¼ lb. \$1.00; lb. \$3.75.

Savoy Cabbage, Perfection Drumhead. Savoy cabbage is of much finer quality than ordinary cabbage and should therefore be raised more generally than it is. It is at its best late in the fall and winter after hard frosts. The Perfection Drumhead is a large, dark green savoy that heads well and is of fine quality. For winter use the plants should be set out about July 1st. Pkt. 5c; oz. 30c; ¼ lb. 85c; lb. \$3.00.

CHINESE PE-TSAI, or "CELERY" CABBAGE

An ounce of seed will sow 400 to 500 feet of row, a packet 30 ft. This vegetable from China has become quite popular among those who know how to use it. It belongs to the cabbage family, but looks more like Cos lettuce. The large mid-ribs of the leaves are perfectly white and very crisp and tender. It is excellent when used as a salad, but is not so good cooked.

The seed should be sown not earlier than the middle of July in rows 2½ feet apart, and the plants thinned 18 to 20 inches apart in the rows. If sown early it soon runs to seed and is useless. Pkt. 5c; oz. 30c; ¼ lb. 80c; lb. \$3.00.

Garten-Kresse (Ger.)

CRESS

Agretto (It.)

EXTRA FINE CURLED (also called "Peppergrass"). Leaves finely cut and curled, very handsome and has a pleasant, pungent flavor. Used largely in salads. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.

WATER CRESS. This plant is now used very extensively for garnishing and for salads. It can easily be grown on the banks of any small stream, or on land that can be flooded with running water. It succeeds best on streams fed by springs that do not dry up in the summer. The seed should be scattered on the muddy banks in the spring or summer. Water Cress can also be grown in green-houses for winter use and is a profitable crop.

Improved Broad-Leaved Water Cress. Larger and better than the common variety. Pkt. 10c; oz. 45c; ¼ lb. \$1.50.

Cichorien-Wurzel (Ger.)

CHICORY

Cicoria selvatica (It.)

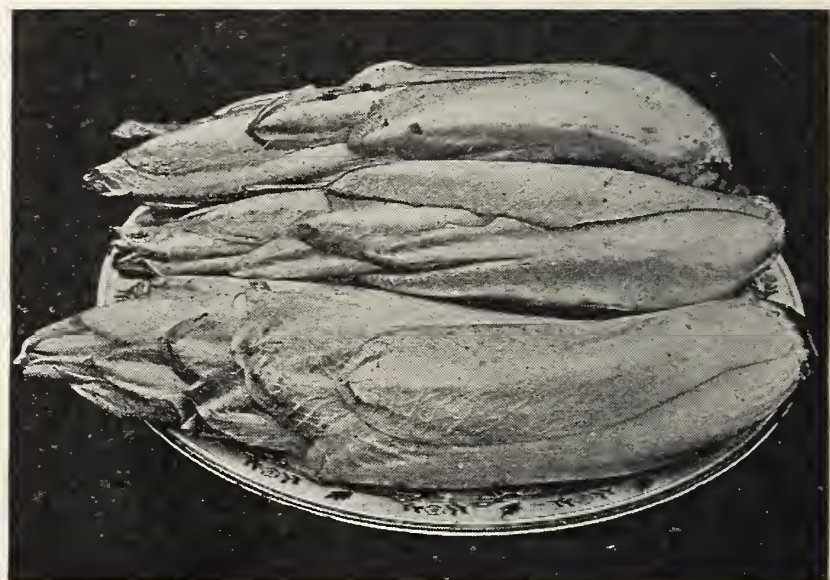
An ounce of seed will produce 3000 to 5000 roots, a packet 300 to 400 roots.

Chicory is used for two purposes. The large rooted variety is used as a substitute for coffee, the root being dried and ground, while the variety called "Witloof" is used for salad. Both are easily raised from seed sown in the spring in the open ground.



Chinese or "Celery" Cabbage

WITLOOF, or "French Endive." Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender whitesprouts which are used as salad. These sprouts are often called "French Endive." See page 30. Pkt. 10c; oz. 40c; ¼ lb. 95c; lb. \$3.75.



French Endive — Witloof Chicory

"During the sixteen years I have used your seeds I have never had a failure through poor germination or any other cause."

A. F. Bixby, July 15, 1922

Blumenkohl (Ger.)

One ounce of seed will produce 1500 to 2000 plants in open ground, or about 3000 in frames; a packet will produce 150 plants.

Early cauliflower is difficult to raise and is not of the best quality, but when the plants are set out in late June or July and the heads form in October there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June on good soil. When plants are large enough transplant to rich, moist soil. Care must be taken that the plants do not become checked in growth, as that will cause them to head prematurely.

CAULIFLOWER

Cavolflore (It.)



Danish Perfection

Snowball. Although an early variety, the Snowball is most excellent for late or main crop as well as for forcing and summer use. The heads are large, heavy and close grained. The plant is of dwarf compact growth. There is nothing finer than the strain of Snowball we offer, no matter under what name it is sold, or what price is charged for the seed. Pkt. 15c; ¼ oz. 65c; oz. \$2.25; ¼ lb. \$7.50.

Danish Perfection A fine new strain of Snowball Cauliflower maturing a week or ten days later than that variety. As the plants produce more leaves than the common Snowball, the heads are better protected from both sun and frost. The heads are very firm, solid and snow-white and practically every plant will make a good head under favorable conditions. Pkt. 15c; ¼ oz. 70c; oz. \$2.25; ¼ lb. \$8.00.

Danish Giant or "Dry Weather" This strain of Snowball Cauliflower is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. The heads are a little larger than Snowball and mature a week or two later and have more leaves to protect them from the sun and frost. Pkt. 15c; ¼ oz. 70c; oz. \$2.25.

ERFURT EARLY DWARF. Not quite as early or fine as Snowball, but is an excellent variety both for early and late crop. It is very reliable in regard to heading, and the heads are solid and compact. Pkt. 10c; ¼ oz. 60c; oz. \$2.00.

LARGE ALGIERS. Heads of the largest size, white, but not as compact as Snowball. A reliable header, and of very fine quality for table use; not suitable for most markets. Pkt. 10c; ¼ oz. 40c; oz. \$1.50.

Carotten (Ger.)

One ounce of seed will sow 300 feet of row, a packet 60 ft. 2 to 4 pounds will sow an acre.

CARROTS

Carota (It.)

Carrots can be sown from early spring to the middle of summer. The earlier they are sown the larger the crop as a rule, but late sowings produce nice carrots for table use or market in the fall. These young carrots are delicious, being far more tender than older and larger roots.

CARROTS FOR FEEDING. Carrots are of a high value for feeding cows, horses and sheep, and as very large crops can be grown on a small piece of ground, it pays remarkably well to raise at least a small plot of them every year. They are of great benefit to cows and horses in the fall and winter. One of the best varieties for this purpose is Danvers Half Long. It is more easily harvested than the longer carrots and yields fully as many bushels per acre and on some soils it yields more than a longer variety. A larger yield can be obtained by sowing Mastodon or White Vosges. The carrots, however, are white, and some people prefer the yellow kinds.

Coreless, or Amsterdam Forcing. A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use when either young or full grown. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

Chantenay. The most popular carrot for table use and market. The roots grow 5 to 6 inches long, tapering only slightly and quite square or stump-rooted at the bottom. The color is deep orange and the roots are fine grained, smooth as a bottle and of the finest quality. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c; 5 lbs. or more at 80c per lb.

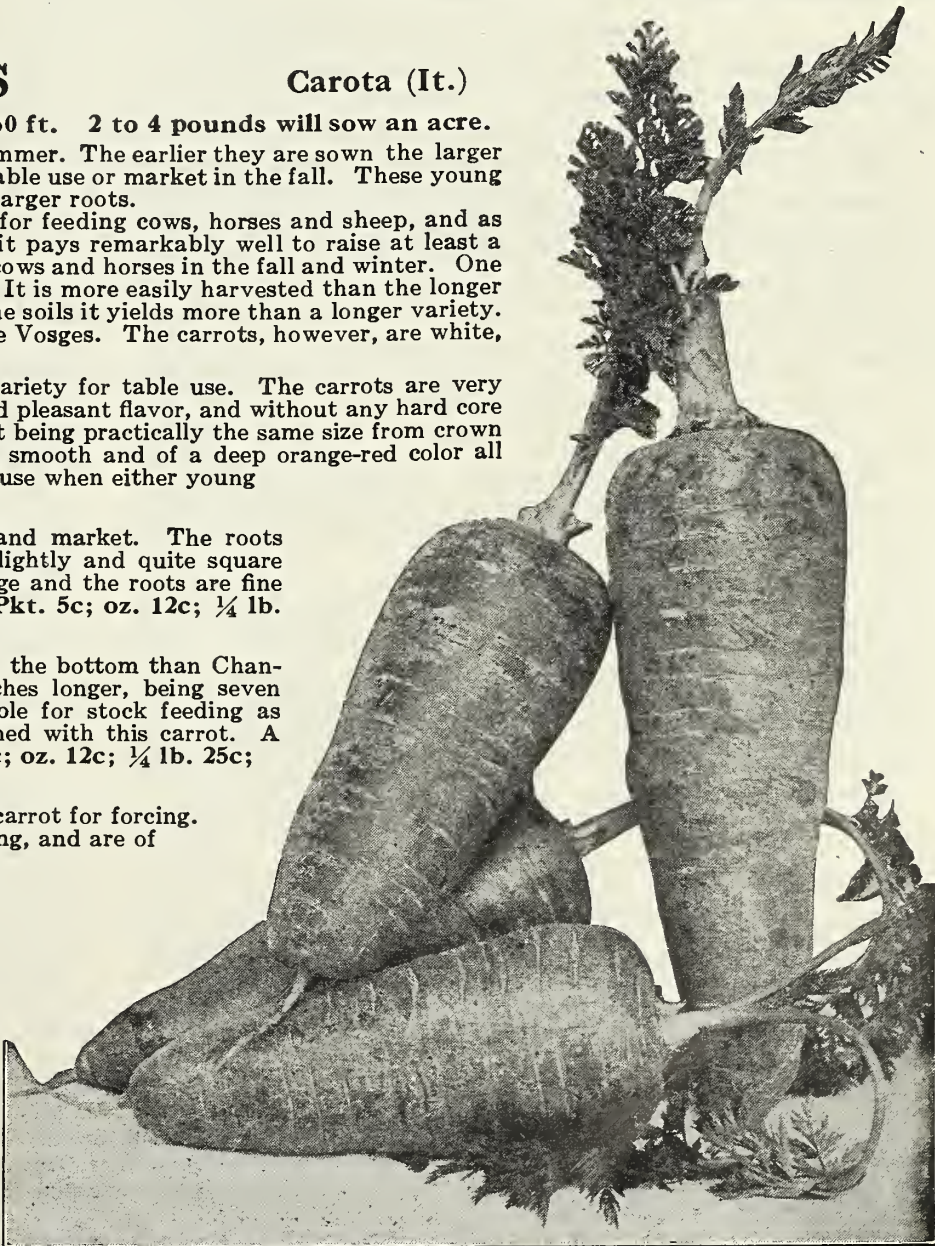
Danvers Half Long. The roots taper a little more at the bottom than Chantenay and grow about two inches longer, being seven to eight inches in length. This variety is very valuable for stock feeding as well as for market. Very heavy yields are often obtained with this carrot. A thousand bushels per acre is not at all unusual. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 80c; 5 lbs. or more at 75c per lb.

EARLY FRENCH SHORT HORN. The earliest and best carrot for forcing. The roots are almost round, being as thick through as long, and are of good deep orange color. Our seed is of the finest strain for hothouse use. Pkt. 10c; oz. 30c; ¼ lb. 80c.

OXHEART, or GUERANDE. A short, thick carrot, 4½ to 5 inches long and often nearly as large around as it is long. Excellent for table use or bunching for market. Matures early. Can be easily pulled by hand and yields nearly as much as the longer varieties. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c.

MASTODON, or White Vosges. A large white carrot for stock. The roots grow very large, but being thick and not too long, they can be easily pulled. We think this variety will yield more good, nutritious carrots per acre than any other variety. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 75c.

LONG ORANGE. We have a fine strain of this variety, roots long, but not too tapering; smooth and straight. An immense yielders. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 80c.



Chantenay

Danvers



Golden Self-Blanching Celery Blanched With Boards—Board Turned Down to Show the Stalks.

Sellerie (Ger.)

CELERY

Sedano (It.)

One ounce of seed will produce about 8000 plants, a packet 400 to 500 plants

Celery is easily raised. The trouble most unskilled gardeners experience is in raising the plants. In the North the seed must be sown very early in the spring, as soon as the ground is free from frost.

We give full directions for culture with every order for seed if requested. We sell plants ready in June and July at low prices. Also earlier plants if desired. See Price List of Plants at back of this catalogue.

Varieties For fall and early winter use **Golden Self-Blanching** is one of the best varieties. **White Plume** is handsome to look at, but not of very good quality, and must be used early as it does not keep very well. The new "**Easy Blanching**" blanches quickly and keeps much better than **White Plume**, and is of finer quality. **Golden Rose** is like **Golden Self-Blanching** but has a red or pink tinge and is of much better quality and keeps longer.

For keeping in winter **French's Success** is the best variety we know of. It will keep until spring. **Columbia** blanches in a shorter time and can be used earlier in the winter and is of fine quality, but does not keep quite as long. **Giant Pascal** is also good, and has very broad, thick stalks, and keeps well.

Golden Self-Blanching. One of the best varieties for fall and early winter use. Blanches easily and the stalks are quite thick, solid and crisp.

When blanched the stalks are creamy white, while the leaves turn a beautiful golden yellow.

This is the best early celery for the home garden as well as for market. It can be easily blanched in the field by placing boards on each side of the row. It will blanch perfectly in the cellar or pit when stored for winter use.

We offer two strains of this variety as follows:

OLD STRAIN. The stalks are of short stocky growth, heavy, thick, and with large, well developed heart. Grows more slowly than other kinds.

NEW STRAIN. Grows much more rapidly than the old strain, and the stalks are longer and attain a good size much more quickly. It is therefore a better celery for early use or market. For late use some growers prefer the old strain. The new strain is much more vigorous, grows faster and is almost "blight proof" as it resists the attacks of blight much better than the old strain. This is the same strain that we sold last season. The seed is grown in France and comes to us direct from the originator.

Price of either of the above strains: Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50; lb. \$13.00.

Golden Rose. Much like **Golden Self-Blanching** except that the stalks are tinged with pink and they require a little longer to blanch and keep better. We highly recommend this variety for the home garden to store for early winter use. The stalks are of superb quality being crisp, solid and of a peculiar nutty flavor. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 90c; $\frac{1}{4}$ lb. \$3.25.

Easy Blanching, or Sanford Superb. An excellent celery for late fall or early winter use. It does not blanch quite as quickly as **Golden Self-Blanching** and, therefore keeps better than that variety. The stalks resemble **Golden Self-Blanching**, but blanch pure white instead of light yellow. The quality is even better than that variety. We have a very fine strain of this celery. It is far superior to the California grown seed usually sold which often produces soft and hollow stalks that do not blanch well. There are no soft or hollow stalks in our strain. The celery called "**Newark Market**" is the same as our strain of **Easy Blanching**. Pkt. 10c; oz. 90c; $\frac{1}{4}$ lb. \$3.25; lb. \$12.00.

French's Success. The best celery for winter storing. This celery keeps in perfect condition all winter if properly stored. Many gardeners keep it until spring and get high prices for it.

The stalks are of medium length, very compact with a well developed heart which forms early. It is very crisp and solid and of superb quality. Blanches perfectly white and is extremely brittle and without stringiness. The stalks never grow hollow or soft when Harris' seed is used.

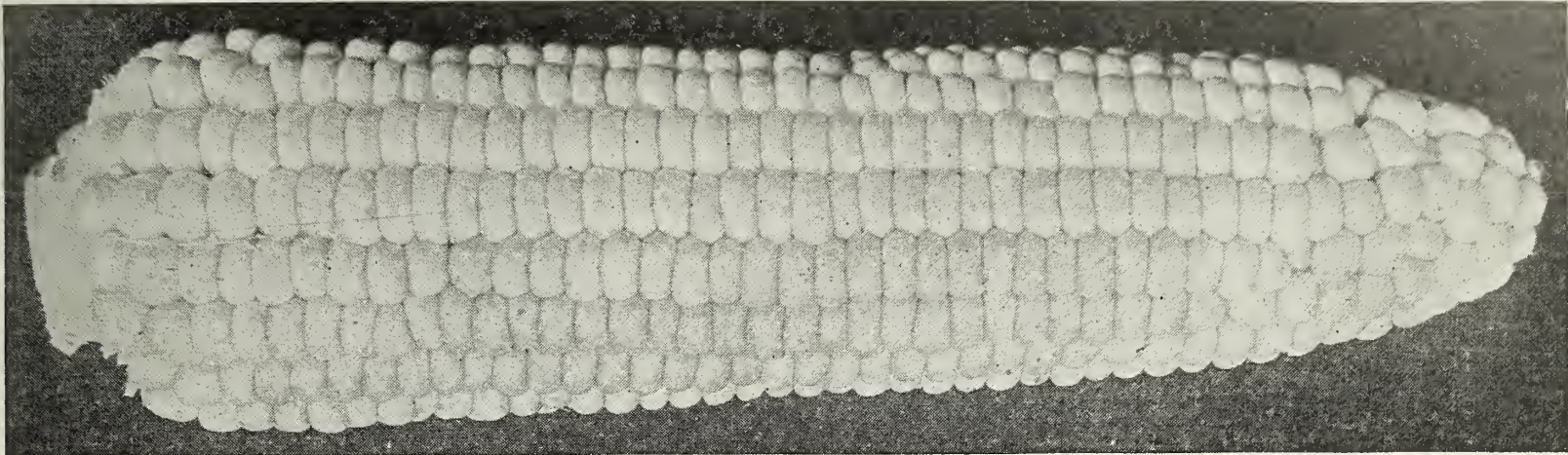
Some other dealers are offering **French's Success** celery seed grown in California which is very inferior to our selected strain which is grown here at Moreton Farm from the best stalks only. Pkt. 10c; oz. 90c; $\frac{1}{4}$ lb. \$3.25; lb. \$12.00.

	Pkt	Oz.	$\frac{1}{4}$ Lb.	Lb.
COLUMBIA. A green celery of compact stocky growth, heavy heart and thick, crisp stalks. Blanches easily..	\$.10	\$.50	\$1.50	\$5.50
WHITE PLUME. Blanches very easily, but is of rather poor quality.....	.05	.30	.85	3.00
GIANT PASCAL. Broad, thick stalks of good quality, a good variety for winter use.....	.05	.30	.75	2.75
GOLDEN HEART (Dwarf). An old kind that has been superseded by better varieties.....	.05	.25	.65	2.50
CELERIAC, or Turnip-Rooted Celery. The bulbous roots are used instead of the stalks.				
Large Prague, very large roots.....	.05	.25	.65	2.50
Delicacy. Root of medium size and of the finest quality, being much more tender and fine flavored than other kinds of Celeriac.....	.05	.30	.85	3.00

CELERY PLANTS. See price list on last pages of this catalogue.

One lb. will plant about 400 hills; a packet 40 hills; 14 to 20 lbs. will plant an acre.

Good Sweet Corn Seed. Our eastern grown sweet corn is far superior in sweetness and flavor to the same varieties raised from seed grown in the west where a large part of the sweet corn seed sold by other seedsmen is grown. We take great pains in curing and drying our seed corn, and we are therefore able to offer seed of strong vitality and highest quality in every way. Our seed is very carefully selected and tested for germination, and the percentage that will grow is **marked on each package** so that you will run no risk of failure in planting it. It may cost a little more than others, but it is worth very much more.



Mimms' Hybrid Sweet Corn

NOTES ON VARIETIES. Alpha is the earliest corn we have yet found. Harris' Mammoth White Cory is very early and has good sized ears, Mayflower is a day or two later, but is of better quality. Pocahontas is a few days later and has much larger ears and is of much finer quality. The new Whipple's Early matures a little earlier than Pocahontas and has ears which much resemble Evergreen. Golden Bantam is a small, medium early kind, with yellow kernels; highly esteemed by many people. Buttercup is also yellow, of fully as fine quality as Golden Bantam, and has larger ears. It is the sweetest corn we know of. Whipple's New Yellow is earlier and has larger ears and is of fine quality. Kendel's Early Giant matures medium early and has large ears but is better for market than home use. Mimms' Hybrid has large ears and matures medium late and is of high quality. Metropolitan has good size ears, and is medium early and of good quality. Black Mexican is medium early and of very fine quality.

Of the late kinds Hickok Improved is one of the best. It has large ears which mature a little earlier than Evergreen and is of better quality. The latest varieties are Country Gentleman, with small ears, having the kernels set irregularly on the cob, and of very fine quality. Long Island Beauty and Egyptian or Washington Market, with very large ears and corn that is sweet and good. Early Mammoth has very large ears and is of fine quality. Burpee's White Evergreen is a fine strain of the old Stowell's Evergreen, and is superior to it in size and shape of ear and in appearance, as the corn is very white.

FOR HOME USE. We advise planting the following varieties which will give a constant succession of corn all through the season; Mayflower, Whipple's Early or Whipple's New Yellow, Mimms' Hybrid, Buttercup or Golden Bantam, and Country Gentleman or Long Island Beauty. A month later make another planting of Buttercup or Golden Bantam for late use.

To get good sweet corn great care should be taken to pick it in just the right state of maturity. Corn that is picked too young is watery and tasteless, while too old it is tough. When it is just right the kernels are nearly, but not quite, fully developed and are very soft so that if pressed with the fingers they will burst and the inside appear like milk.

Some of the Best Varieties

See also Pages 7, 8 and 9.

Golden Bantam. This has become the standard for high quality in sweet corn. The ears are 6 to 7 inches long with 8 to 10 rows of deep yellow kernels, which are deliciously sweet and tender. Matures medium early.

Mimms' Hybrid. One of the very best medium late varieties for home use or market.

The ears are 9 to 10 inches long, have 12 to 16 rows, and filled right out to the tip. The corn is snow-white, very tender, sweet and delicious, being far superior to Evergreen and most other white varieties.

This corn matures in mid-season between the early and late varieties, and is one of the very best kinds of its season.

Many stalks produce two big ears, and the yield is consequently very heavy. The big handsome ears always command the highest prices.

The seed we offer is of a very fine pedigree strain of our own growing and breeding, and will certainly satisfy the most critical gardeners. See price next page.

If pure yellow corn or pure white corn is wanted, yellow or black varieties should not be planted near white kinds. The pollen of the white corn will cause some kernels of the yellow varieties to turn white, giving the ear a spotted appearance. The yellow kinds will also cause the white corn to be spotted with yellow kernels. Do not plant sweet corn near Field corn.

Corn should never be planted in a single row. It is much better to plant in three or four rows side by side. This is because the pollen does not fertilize the ears well when planted in a single row.

Dates on Which Corn Matures

From notes made in our trial grounds the past season (1922) we found that the different varieties were ready for use on the dates given below. All kinds were planted the same day, May 17.

	Ready to use
Alpha	July 28
Harris' Mammoth White Cory	Aug. 1
Early Dighton	" 1
Mayflower	" 6
Whipple's Early	" 8
Whipple's Yellow	" 10
Buttercup	" 11
Golden Bantam	" 11
Pocahontas	" 13
Black Mexican	" 13
Howling Mob	" 16
Crosby's Early	" 19
Mimms' Hybrid	" 19
Early Evergreen	" 20
Stowell's Evergreen	" 25
Potter's Excelsior	" 26
Hickox Improved	Sept. 1
Early Mammoth	" 5
Country Gentleman	" 5
Long Island Beauty	" 10

Early Mayflower. Among the very early varieties this is one of the best for home garden where quality is appreciated. No very early corn is of as good quality as the later kinds, but the Mayflower is very fine for so early a corn. The ears are small (about 5 inches long) with 10 to 12 rows of pure white kernels. They mature as early as any kind grown, except Alpha and our Mammoth White Cory. See price next page.

Long Island Beauty. This corn matures very late and is, therefore, valuable to prolong the season. The ears are immense, often a foot long with 18 to 20 rows of kernels. The quality is fine, the corn being sweet and very tender for so large a kind. This is a profitable market corn as well as an excellent one for home use. See price list next page.



Pocahontas. We have sold this corn for years and it has always pleased our customers. It is a very early corn with large ears. It matures only a few days after the small eared very early kinds and the ears are twice the size. We picked one ear in our seed field the past season that measured 11 in. long; The stalks usually produce two good ears so the yield per acre is immense. This has proved to be one of the most profitable varieties to raise for market and is most excellent for the home garden.

The ears have 8 to 10 rows of large white kernels and are usually filled right out to the tip. The corn is of fine quality, tender and sweet.

Harris' Mammoth White Cory. With the exception of Alpha, the earliest corn we know of. Will give good sized ears ready to use in 60 days from planting under favorable conditions. The ears are 6 to 7 inches long, 8 to 11 rowed, kernels pure white and of good quality.

PRICE LIST OF SWEET CORN

A pound is equal to 1 $\frac{1}{4}$ pints, 6 lbs. equal 4 qts. Half pounds are supplied at the pound rate.

	Pkt.	Lb.	6 lbs. (4 qts.)	12 lbs. (pk.)
ALPHA. The earliest true sweet. See page 7.....	\$.12	\$.50	\$2.20	\$4.00
Early Mayflower. Very early and of very good quality. See description preceding page.....	.10	.25	1.10	2.00
HARRIS' MAMMOTH WHITE CORY. One of the earliest varieties. Ears 6 in. long, 8 to 10 rowed. A very profitable market variety.....	.10	.25	1.30	2.40
WHIPPLE'S EARLY. A grand new early corn. See page 8.....	.10	.35	1.50	2.85
WHIPPLE'S NEW YELLOW. A very fine early yellow corn. See page 7....	.12	.35	1.65	3.00
POCAHONTAS. Very early, large ears. One of the best early varieties for home use or market. See description above.....	.10	.25	.95	1.75
GOLDEN BANTAM. Medium early, yellow kernels of fine quality. By many people considered the best flavored sweet corn.....	.10	.25	.95	1.75
BUTTERCUP. The best flavored and sweetest corn we have ever eaten. See page 9.....	.10	.30	1.10	2.00
HOWLING MOB. A good mid-season corn. Ears 14 rowed, 8 in. long, well filled. Kernels white and of fine quality.....	.10	.25	.90	1.60
MIMMS' HYBRID. A very fine medium late corn. See preceding page.....	.10	.25	1.00	1.85
Metropolitan. One of the best medium early kinds. Ears 8 to 9 inches long, 10 to 12 rows of snow white kernels of fine quality.....	.10	.25	.95	1.75
Crosby's Early. A fine medium early corn, 10 to 12 rowed, ears of good size and corn is of good quality.....	.10	.25	.95	1.75
Potter's Excelsior, or Squantum. Medium to late, large ears and the quality is of the very best.....	.10	.25	.95	1.75
HICKOX IMPROVED. Very large, 10 to 12 rowed ears, often nearly a foot long. Matures a little earlier than Evergreen, and is of finer quality.....	.10	.25	.90	1.60
BLACK MEXICAN. Many people think that there is no corn quite equal to this in quality. Matures medium early, kernels black when ripe.....	.10	.25	1.10	2.00
EARLY MAMMOTH. Not an early variety, but a little earlier than late Mammoth, which is a very late kind. Ears of immense size, much longer than Evergreen and the corn is of superior quality. A fine late variety for market and home use.....	.10	.25	.95	1.75
LONG ISLAND BEAUTY. Very large ears of fine quality. See description preceding page.....	.10	.25	.90	1.60
Egyptian, or Washington Market. Very large ears, matures late and is of fine quality. Profitable for market and very good for home use to prolong the season.....	.10	.25	.95	1.75
COUNTRY GENTLEMAN. Late, very prolific, often 3 ears on a stalk, kernels irregular on the cob; quality very fine.....	.10	.25	.95	1.75
EARLY EVERGREEN. A few days earlier than Stowell's with ears a little shorter.....	.10	.20	.80	1.50
STOWELL'S EVERGREEN. Ears 7 to 8 in. long with 10 to 20 rows of long, rather narrow kernels. A popular variety, but not of the highest quality...	.10	.20	.75	1.40
BURPEE'S WHITE EVERGREEN. An improved strain of Stowell's Evergreen with large, snow white kernels and large and handsome ears.....	.10	.20	.75	1.40

POP CORN

WHITE RICE. The ears are 6 to 7 inches long and the kernels are pure white and of large size. Yields well and produces a fine quality of pop corn. Decidedly the best variety to raise on a large scale for market, as it yields best and is always in demand. Our strain is very fine. Pkt. 10c; lb. 25c; 8 lbs. (4 qts.) 95c; 15 lbs. (peck) \$1.75; larger quantities 10c per lb.

RED BEAUTY. Medium sized ears with small, deep red kernels which look very pretty when popped, the red shell making spots of bright color in contrast to the snow white corn. The stalks produce 3 to 4 ears and the quality of the corn is of the best. Price same as for White Rice.

BLACK DIAMOND. It is generally conceded that this black variety makes pop corn that is more tender and of better quality than other kinds. If well cured the corn will pop perfectly two or three months after it is harvested. The ears are 6 inches long and the kernels are dark blue or black. They pop white and the quality is very superior, the popped corn being tender and crisp. It is decidedly better than any other variety we have tried. Matures very early. Pkt. 10c; lb. 25c; 8 lbs. \$1.20; 15 lbs. (peck) \$2.10.

Feldsalat (Ger.) CORN SALAD Valeriano (It.)

Used for "greens" like spinach or as a salad. Can be sown in the spring and fall. Succeeds best when sown in the early spring and in August. Can be sown in September and wintered like Spinach if given a little protection.

LARGE ROUND-LEAVED. The best variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

CORN IN LARGER QUANTITIES

If you want Sweet Corn in bushel or 100 pound lots, please write for our Market Gardener's Price List.



Early Fortune Cucumber

CUCUMBERS

Gurken (Ger.)

Cetriolo (It.)

A packet of seed will plant 20 hills; an ounce about 80 hills or sow 50 feet of row. About 3 lbs. of seed per acre.

Seed is sown in this latitude (western New York) the middle of May for slicing and about the first of July for pickles.

ABOUT VARIETIES. The white spined varieties retain their green color even when ripe, while the black spined kinds turn yellow when ripe, but are of good green color when young. **Harris' Perfection** is one of the best of the white spines. The fruit is long, straight, deep green and of high quality. **Davis Perfect** is similar but not quite as good. **Early Fortune** is shorter and a little earlier and is an excellent kind for market and shipping. **Emerald** is very dark green, perfectly smooth, and of high quality. **Arlington White Spine** is rather short, medium early and a popular kind for pickles as well as for slicing.

Improved Long Green is the most popular of the black spined varieties. **China** is a new kind that is excellent for the home garden where quality is appreciated. For pickles **Green Prolific** or **Boston Pickling** are good kinds but not of as deep greens as **Klondike** which is also very prolific.

Raise More Cucumbers—They are used in so many ways and are so easily raised that everyone should have a few hills in the garden. If the cucumber beetle eats the young plants they can be kept off by dusting the plants when the dew is on with fine slacked lime. If the cucumbers are kept picked off while young the vines will continue to bear all through the season.

PRICE LIST OF CUCUMBERS

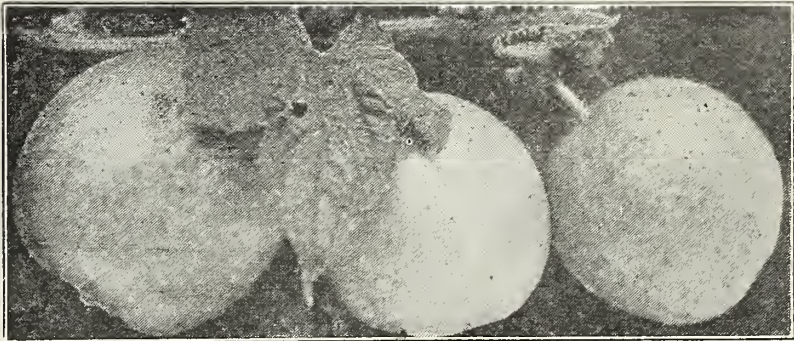
	Pkt.	Oz.	¼ Lb.	Lb.
CHINA. A remarkable new variety. See page 9	\$.15	\$.75	\$....	\$....
Earliest of All. Very early and valuable on this account; 4 to 5 inches long, of the White Spine type.....	.05	.15	.35	1.20
HARRIS' PERFECTION. A very fine variety. See page 9 .....	.10	.25	.60	2.25
EARLY FORTUNE. One of the best of the white spines. Of medium length tapering slightly toward each end. It holds its deep green color long after pickling and is valuable for shipping on this account. The vines are vigorous, healthy, and prolific. The fruit matures medium early.....	.05	.15	.35	1.20
DAVIS' PERFECT. An improved strain of White Spine. A very fine cucumber for slicing or market. The fruit is of good length, straight, very deep green, and of fine quality. Matures a little later than Early White Spine and Early Fortune.....	.05	.15	.35	1.15
FORDHOOK FAMOUS. A good long cucumber of the White Spine class. Not as deep green as some others.	.05	.15	.35	1.25
EARLY WHITE SPINE. The most popular cucumber. Early, productive and of fine quality for slicing and pickling. Fruit of medium length, and matures early.....	.05	.12	.30	1.10
ARLINGTON WHITE SPINE. Differs from Early White Spine in having fruit more pointed at the ends and deeper green. One of the best for market and pickles.....	.05	.12	.30	1.10
Extra Long White Spine, or Evergreen. Fruit 10 inches long, straight and handsome. A little later than the above two strains of White Spine.....	.05	.12	.30	1.10
Cumberland. Excellent for pickling and slicing. Fruit is long, slim and very solid.....	.05	.15	.40	1.40
Cool and Crisp. Fruit dark green, and of a peculiar icy appearance and of fine quality.....	.05	.15	.35	1.20
Japanese Climbing. Vines of very vigorous growth and fruit of first-class quality. Resists blight better than other kinds.....	.05	.15	.40	1.40
CHICAGO PICKLING. Very prolific and one of the most popular kinds for pickles. Short thick fruit....	.05	.12	.30	.95
KLONDIKE. One of the best varieties for pickles, as well as slicing. Fruit 7 to 8 inches long with blunt ends; color deep green which holds well after picking. Medium early.....	.05	.12	.30	1.00
PERFECTED JERSEY PICKLE. A fine strain of Long Green which is very prolific and especially adapted to raise for pickles. The young fruit is straight, slender and deep green. One of the best pickling cucumbers..	.05	.12	.30	.95
IMPROVED LONG GREEN. Fruit long, straight and dark green. Excellent for pickling, slicing and market. Our strain is very much superior to the common Long Green.....	.05	.15	.40	1.50
Everbearing. Fruit short but produced in great abundance, starting very early and continuing late if kept picked .....	.05	.12	.30	1.10
Green Prolific, or Boston Pickling. Bears very profusely and is excellent for pickles. Short, with blunt ends.	.05	.12	.25	.95
Early Green Cluster. Short fruit borne in clusters, good for pickles; color light green.....	.05	.12	.25	.95
Early Russian. Very early, short fruit of good quality.....	.05	.12	.25	.95
West India Gherkin. Short, prickly fruit, used for pickling.....	.10	.20	.60	....

White Wonder. A pure white cucumber of fine quality. The fruit is 7 to 8 in. long and even when very young is perfectly white. These white cucumbers are quite a curiosity and are valuable for exhibition as well as for table use. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Lemon Cucumber. This is a real cucumber that grows about the size and color of a lemon. The flesh is white and has a peculiar sweet flavor, quite different from other cucumbers.

They are highly esteemed by many people, both for table use and pickling. The fruit is ready to use when it is just commencing to turn yellow. They may be pickled while green or ripe as preferred.

The Lemon Cucumber is grown the same as other cucumbers. Pkt. 10c; oz. 25c.



NOTE—We do not sell half ounces of any seeds the price of which is less than 30 cents per ounce.



EGG PLANT

Eierpflanze (Ger.)

Petronciano (It.)

A packet of seed will produce about 50 plants; an ounce about 2000 plants.

This is a delicious vegetable which should be in every garden. It is also a profitable market crop. It is cultivated like tomatoes. Care should be taken that the young plants when first set out are not eaten off by potato bugs. The plants should be set out about 2½ feet apart on rich, rather light soil in a warm situation. We can furnish plants if desired.

HOW TO COOK EGG PLANT. Pare and cut Egg Plant in ¼ in. slices. Sprinkle slices with salt and pile on plate—cover with a weight and let stand 2 hours. Dip each slice in egg—then in crumbs—and fry slowly on both sides. Or the slices may be dipped in batter and fried brown.

Baked Egg Plant. Cook egg plant 15 minutes in boiling, salted water to cover. Cut in halves lengthwise; scoop out inside,—and cook pulp in boiling water until tender. Beat with a spoon until light and smooth, add 1 well beaten egg, season with paprika, salt and a little nutmeg, add some chopped parsley, one tablespoon butter and 2 rolled crackers. Mix well, refill shells, sprinkle with bread crumbs and butter and brown in quick oven.

BLACK BEAUTY. This is a very handsome, early, and prolific variety. While the fruit is as large as New York Improved it matures earlier, and is of a deeper and richer color. The plants are of robust growth and are very prolific. Being earlier than the New York Improved, much larger crops are produced before frost in the North. The strain of this variety we offer is very fine and produces large, handsome fruit. Pkt. 10c; oz. 45c; ¼ lb. \$1.30; lb. \$5.00.

EXTRA EARLY DWARF PURPLE. A valuable variety. Not large but very early and prolific. Being hardier and earlier than the larger kinds, it is valuable for northern latitudes where the seasons are short. Pkt. 10c; oz. 40c.

NEW YORK IMPROVED. (Thornless) This is a superb strain of this well-known and popular variety. The fruit grows to the largest size and is of perfect shape and deep purple color. The plants are prolific and of tall, upright growth. Market gardeners will find this the finest strain of New York Improved egg plant grown. Pkt. 10c; oz. 45c; ¼ lb. \$1.30; lb. \$5.00.

EARLY LONG PURPLE. An early variety of fine quality. The fruit is 6 to 8 in. long and 2 or 3 in. through. Matures early and is very prolific. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

EGG PLANT PLANTS. Ready May 25th. Black Beauty only. Potted plants, 75c per doz.; 50 plants \$2.50. Weight 3 pounds per dozen. Add postage if to be sent by parcel post.



Black Beauty Egg Plant

DANDELION

Loewenzahn (Ger.)

Dente di leone (It.)

The improved cultivated dandelion is a valuable plant for "greens" early in the spring. The seed is sown in the spring and the leaves will be ready to eat the following spring.

LARGE THICK-LEAVED. The most desirable variety, with large, thick leaves of excellent quality. Far superior to the common dandelion. Pkt. 10c; oz. 90c; ¼ lb. \$3.00.



Broad-Leaved Endive

Endivien (Ger.) **ENDIVE** Endivia (It.)

A packet will sow 50 feet of row; an ounce 400 feet.

Endive is used for salad, especially in autumn and winter. It is easily grown. For fall and winter use the seed should not be sown until July 1st. Sow in rows 18 to 20 inches apart and thin the plants to a foot apart. To blanch, either cover the center of the plant with a shingle or light board, or draw the outer leaves over the center and tie them.

GREEN CURLED. The leaves are large and finely cut and curled and easily blanch to a creamy white in the center. This is the most popular variety. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

MOSS CURLED. A beautiful variety, with very finely curled leaves. Blanching perfectly white in the center. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

BROAD-LEAVED BATAVIAN (Escarole). Large, thick leaves of fine quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

FRENCH ENDIVE or WITLOOF CHICORY. The so-called "French Endive" or more properly Witloof Chicory, is a most appetizing and delicious salad and is so easily raised that every one can enjoy it all winter with very little trouble.

"French Endive" is really the large white sprouts produced on the roots of Witloof Chicory when they are forced into growth during the winter.

This "Endive" is pure white, very crisp and of a mild, slightly bitter flavor, and is highly esteemed as a salad. All that is necessary is to raise the roots the same as you would parsnips, and in the fall dig them and plant a small number at a time in a box of earth in a warm cellar, under greenhouse benches, or any place where the temperature is between 50° and 60°.

Directions for culture are contained in a pamphlet on the Cultivation of Vegetables and Flowers which will be sent free with any order if requested.

After the roots are placed in sand to be forced the sprouts will be ready to use in about 3 weeks. By putting in more roots every two or three weeks a constant supply of endive can be had all winter. Pkt. 10c; oz. 40c; ¼ lb. 95c; lb. \$3.75.

ROOTS FOR FORCING. We can furnish roots ready to force at the following prices:

1 doz. roots 40c; weight packed 3 lbs.
50 roots \$1.00; weight packed 15 lbs.
100 roots \$1.50; weight packed 25 lbs.

The roots will be sent promptly on receipt of order, either by express or parcel post. If to be sent by parcel post please add the necessary postage to the prices given above. Order early. The roots should be started at once.

Fennel or Fenocchio

Florence Fennel is quite distinct from the common sweet fennel used for flavoring. This variety produces a bulb at the surface of the ground which makes an excellent vegetable with a peculiar flavor. It is very largely used in Italy and by Italians in this country. It is grown by sowing the seed in rows 20 inches to 2 feet apart and thinning or transplanting so the plants stand a foot apart in the rows. Sow the seed in rich soil in May or June. When the plants are half grown drag earth up to them so as to blanch the bulbs. Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Knoblauch (Ger.)

GARLIC

Aglío (It.)

Used for flavoring. The bulbs are set out like onion sets about 4 inches apart in the row, and covered 2 inches deep. When tops die down take up the bulbs and dry in a shady place. Bulbs only. ¼ lb. 20c; lb. 55c.

HORSE RADISH

Meer Rettig (Ger.)

Rafano (It.)

Horse Radish is easily grown from sets—small lengths of roots. These sets, if planted in the spring in good, rich soil, will form large roots by fall. The sets should be planted with the small end down and the upper portion 2 inches below the surface.

COMMON VARIETY. 20c per doz.; \$1.00 per 100; \$8.00 per 1000.

NEW BOHEMIAN HORSE RADISH. A superior variety to the common kind. Larger and grows faster. Sets 25c per doz.; \$1.25 per 100; \$11.00 per 1000.

NOTE. If sets are ordered sent by parcel post, add to the above prices postage at the rate of 5 lbs. per 100.

KALE or BORECOLE

Blatterkohl (Ger.)

Cavolo verde (It.)

Kale is used as “greens” during the winter, and is a most welcome dish when other vegetables are gone. The young and tender shoots that come out on the stalks are delicate and delicious when cooked. They are better after a few frosts in the fall. With a little protection, or when the snow is deep, kale will stand the winter without injury. It is grown in the same way as cabbage, but for winter use the seed may be sown as late as July.

DWARF CURLED GREEN. A low growing, spreading variety. The leaves are finely curled and of excellent quality. Often used for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

TALL GREEN SCOTCH CURLED. The most popular variety. The plant grows three feet tall and produces an abundance of sprouts the whole length of the tall stem, and they are of the finest quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

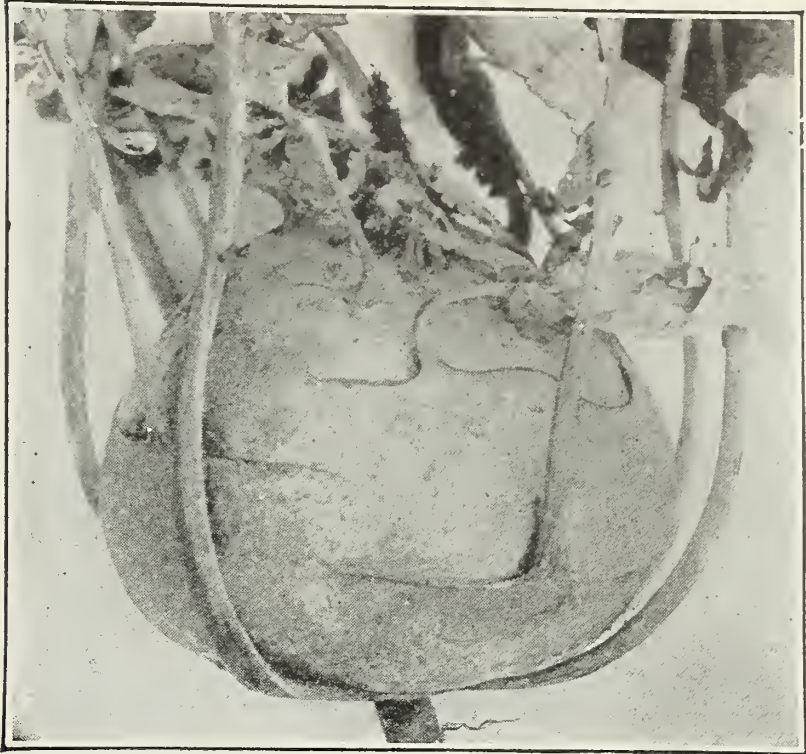
SIBERIAN. Also called “Sprouts.” A very hardy kale of dwarf growth with broad thick leaves curled on the edges. The color is light bluish green. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.

MUSTARD for Salad

FORDHOOK FANCY. A new and beautifully curled mustard that is not only very handsome, but is of very mild, pleasant flavor. The leaves are curled and fringed, and the plant remains longer without running to seed than other kinds. This is certainly the finest variety for salads and garnishings. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.

GIANT SOUTHERN CURLED. Grows nearly 2 feet high, and has fine curled leaves which are excellent for salad. Very popular in the winter and early spring. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 75c.

WHITE LONDON. Used while young for salad. The seed is used for flavoring pickles. Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 50c.



Kohl Rabi—White Vienna

KOHL RABI

Knollkohl (Ger.)

Cavolo rapa (It.)

A packet will sow 40 feet of row; an ounce 200 feet.

Kohl Rabi produces a large bulb on the stem which is used as a vegetable and also for stock feeding. If used while young the bulb when properly cooked makes a delicious vegetable. An excellent way to cook is to cut the bulbs in small cubes and boil until tender. Serve with a cream sauce.

The seed should be sown in June or July in rows about 2 feet apart, and the plants thinned to a foot apart in the rows.

LARGE GREEN. This variety is usually grown for stock. It is also good for the table when young. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.40.

EARLY WHITE VIENNA. The best variety for the table. When the bulbs are of the size of a large apple they are ready for use, and are of excellent quality, being tender and of delicate flavor. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.65.

EARLY PURPLE VIENNA. The same as White Vienna except in color which is light purple on the outside. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.65.

Porree (Ger.)

LEEK

Porro (It.)

A packet will sow 20 feet of row; an ounce 150 feet.

Leek is a kind of onion that does not form any bulb, but grows in a long stem, which is blanched by drawing earth around it. When blanched in this way it makes an appetizing salad, or is eaten like green onions. Seed is sown in the spring and the leek is ready to use in the fall.

LARGE AMERICAN FLAG. The most popular variety; grows to a good size, and is straight and uniform, and is of the best quality. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.75.

LETTUCE

	Pkt.	Oz.	¼ lb.	lb.
BOSTON MARKET, or White Seeded Tennis Ball. An early head lettuce for forcing.....	\$.05	\$.15	\$.40	\$1.40
HANSON. Large compact heads with curled leaves.....	.05	.15	.35	*1.25
TOMHANNOCK. Very large loose heads tinged with brown and curled at the edges.....	.05	.15	.40	1.40
BLACK SEEDED SIMPSON. Forms a large bunch of curled, crisp and very tender leaves which are of excellent quality. One of the best of the large loose-leaved varieties.....	.05	.15	.35	1.25
EARLY CURLED SIMPSON. Forms a bunch of very much curled leaves of light green and of fairly good quality.....	.05	.15	.35	1.25

“I have planted many varieties of seed from different firms, but never have I had such excellent results as I have done from the seed you sent me. The Scotia beans and Webber Wax are most wonderful. People who have seen them in my garden marveled at them and have never seen such abundance of beans. Also the Long Season beets can't be beaten. They are a wonderful vegetable. The early 6 weeks potatoes were better than any I have ever seen or grown. And I would like to tell you the Asparagus I bought of you last year, 2 year old plants, all grew and were in fine condition all this summer and I cut lots from it. I cannot speak too highly of all your seeds I have used.” F. W. Manuel, Oswego, N. Y. Oct. 25, 1922.



Kopfsalat (Ger.)

LETTUCE

Lattuga (It.)

A packet will sow about 30 ft. of row; an ounce 250 feet.



Wonderful or New York Lettuce

About Varieties. There are two distinct classes of lettuce. One merely produces loose leaves. Where lettuce is grown in the open ground and allowed to remain thick in the row, as is too often the case, the loose-leaved varieties are the best. Some of the most popular of these are **Black Seeded Simpson**, **Grand Rapids** and **Prize Head**. When really fine lettuce is desired, and where one is willing to take some pains in raising it, the head or cabbage varieties are much the best. For forcing in the hothouse or hotbed, **May King**, **Boston Market** and **Golden Queen** are the quickest to form heads, and are usually used for this purpose. For sowing in frames and transplanting to the open ground in the spring, the best varieties are **Holyrood Hot-Weather**, **Crisp-as-Ice**, **Iceberg**, **Salamander** and **Big Boston**. These are also excellent heading varieties for sowing in the open ground early in the spring, and in the late summer and fall. For fall use seed should be sown in this latitude (Western New York) the last of July or first of August. Loose-leaved lettuce is also sown in the summer and fall, the same as the head varieties.

CULTURE. To get fine heads in the open ground it is a good plan to sow the seed in a hotbed or box in the house 3 or 4 weeks before the ground outside is ready. Transplant the seedlings to another box or frame 3 inches apart and set the plants in the open ground when ready a foot apart.

In sowing lettuce seed care should be taken not to cover it over $\frac{1}{8}$ inch deep. If covered much deeper it will often fail to come up.

Seed may be sown in the open ground in the early spring and in July. Sow in rows 18 in. or more apart and for fall use thin the plants when small to 10 or 12 inches apart. It is important to thin the plants when very small, less than one inch high.

Golden Queen. The earliest head lettuce. Forms small compact heads a week or ten days earlier than other kinds, and the quality is remarkably fine; the leaves being tender, sweet and nearly white in the center. Does not stand long after heading, but is valuable for early use and forcing. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

Crisp-As-Ice. A fine early head lettuce. The heads are very compact, crisp and of the finest quality. The edges of the leaves are tipped and spotted with brown. We consider this one of the best early heading varieties for the home garden. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c.

Big Boston. Forms large compact heads and is one of the most popular varieties for forcing and open ground. It is very largely grown on muck ground for shipping to the larger cities. Big Boston is one of the best varieties for late crop, as it heads well in cold weather and is not injured by slight freezing. Our strain of this variety is excellent, producing uniformly compact heads and stands well without running to seed. Pkt. 5c; Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

May King. A very early variety. The heads form very quickly and are firm and of fine quality. The plant is small and practically all head, the leaves are light green, slightly tinged with brown on the edges, and are very crisp and tender, and a beautiful light yellow color inside the head. The lettuce will produce good solid heads 10 days before other large kinds in the open ground. Also excellent for forcing in greenhouses or hotbeds. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

Holyrood Hot Weather. The heads are very large, quite firm, and the leaves are thick, tender and of a deep green, blanching to white in the center of the head. This lettuce has a rich buttery flavor like the old "Deacon" lettuce, and stands a long time without running to seed. We regard this as one of the best heading varieties. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Unrivalled. This is also called "Boston Unrivalled" "Green-leaved Big Boston," "Long Lost" and a dozen other names. The heads resemble Big Boston, but form earlier and do not have the red tinge of that variety. The heads are firm and of high quality. An excellent kind for the home garden and for market. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 45c; lb. \$1.65.

Deacon. We are the original introducers of this magnificent lettuce which has gained for itself great popularity. The leaves are smooth, thick and tender, and inside the heads are nearly perfectly white and of the finest quality, being crisp, tender and fine flavored without bitterness or coarseness. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

Salamander. One of the best varieties for summer use as it resists hot sun better than most other kinds. It forms large, compact heads of a light green color and of very fine quality. The leaves are more tender than those of most other kinds. We have a fine strain of this popular lettuce which produces heads that are uniformly compact and of the very best quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

Iceberg. One of the best varieties. Heads early and stands without running to seed a long time. The leaves are finely cut and curled, and of an attractive light green, while the center of the head is pure white and remarkably crisp and of fine quality. It is certainly one of the best kinds. We have a very fine strain that heads uniformly solid and compact. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

Wonderful or New York. This variety is called "Iceberg" in the west and is shipped to the Eastern markets under this name. It is larger than the true Iceberg, forming compact white heads as large as a small cabbage. It is rather coarse in texture but very crisp and when well grown is an excellent lettuce. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

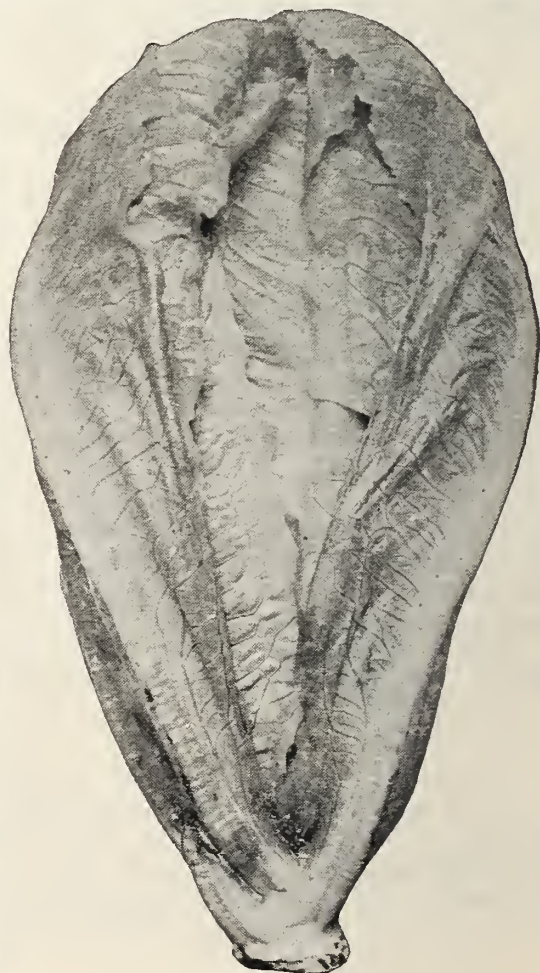
Prize Head. One of the best of the loose-leaved varieties. The leaves are exceptionally crisp and tender. They are much curled and frilled, and are tinged and blotched with brown. Grows rapidly, and is ready for use early. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

Cos, or Romaine, TRIANON Self-folding. This improved Cos lettuce makes a compact upright growth, and magnificent large heads a foot high that blanch perfectly white inside. When well grown on moist land this lettuce is of the finest quality. The mid-rib of the leaves is large, crisp and much resembles celery. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

ECLIPSE COS. Earlier and smaller than the Trianon Cos and more compact. Heads very uniform, and are so compact that they blanch perfectly white inside. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

Grand Rapids. The most popular curled-leaf lettuce for forcing. The plant grows upright forming a large bunch of crisp curled leaves of good quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Chicken Lettuce. Lettuce is most excellent for chickens and this new variety is especially adapted to that purpose. It grows a foot and a half high and produces a large amount of leaves which are greatly relished by poultry. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.



Cos Lettuce, Trianon Self-folding

Melone (Ger.)

MUSKMELONS

Popone (It.)

A packet of seed will plant about 20 hills; an ounce 100 hills; 2½ lbs. will plant an acre.

Not hard to raise melons

It is much easier to raise melons than is usually supposed and they are so delicious a fruit that every one who has any garden at all should raise them. All that is required is a good rich, well manured soil, that is not too heavy, and a warm, sunny situation. Our pamphlet, "Cultivation of Vegetables," tells about raising muskmelons. It will be sent with any order for seed if requested.

Bender's Surprise. A grand melon for market or shipping, see page 6. Pkt. 12c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$5.50.

Irondequoit Muskmelon This is one of the very best melons we know of. The fruit is large, often weighing 8 to 10 pounds; nearly round, well netted and light green. The flesh is deep orange color; thick, very sweet and of high flavor. We know of no finer flavored large melon. They ripen medium early and the vines are healthy and produce lots of good big melons. This melon resembles the Bender's Surprise but the flesh is less firm and the melons will not keep as long after picking. Pkt. 10c; oz. 30c; ¼ lb. 80c; 1 lb. \$3.00

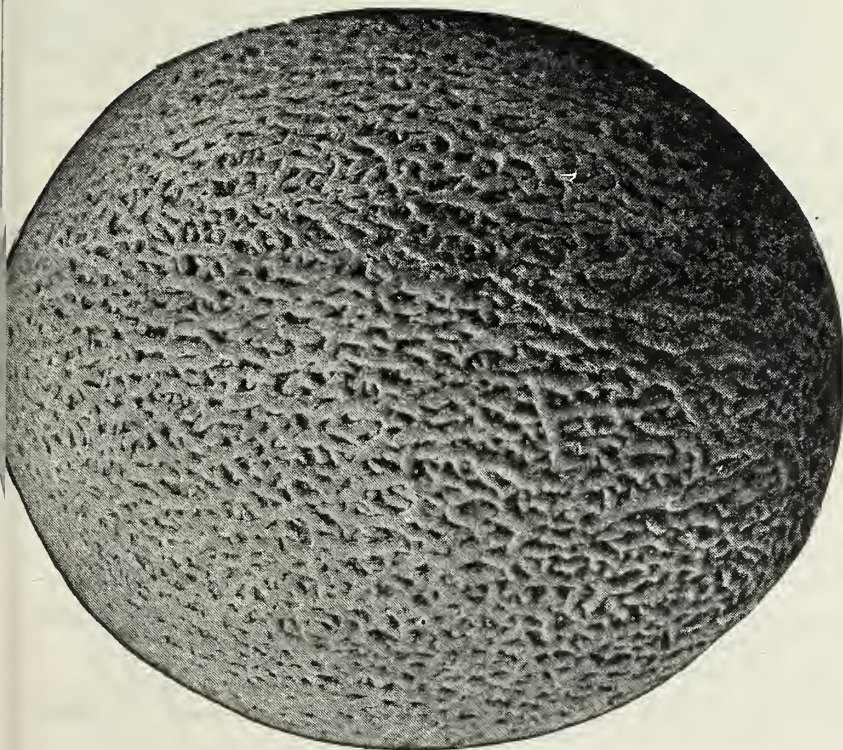
Admiral Togo. Although not a large melon this is a fine one on account of its delicious flavor and great productiveness. The flesh is of a deep orange yellow and very sweet and of a delicious sprightly flavor, quite distinct from other yellow fleshed kinds. The melons ripen medium early, and are produced so profusely that they nearly cover the ground among the vines. They are oblong and thickly netted, and weigh about 2 pounds each. If a melon of medium or small size is wanted we would recommend the Admiral Togo both for house use and market. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.

Emerald Gem. One of the earliest and best flavored muskmelons. There are few varieties equal to this for home use. While the fruit is not large, it ripens very early, and each vine produces a large number of melons. The fruit is almost round, 4 to 5 in. in diameter, dark green, slightly ribbed and with little netting. The flesh is orange, thick, sweet and of the very highest flavor. The Emerald Gem can be relied on to produce a good crop of fruit even in unfavorable seasons when other larger and later kinds would fail to ripen. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.75.

Extra Early Knight. This is one of the earliest melons and is especially valued on that account. The melons are of medium size, oval in shape, and well netted. The flesh is green and of good, but not of the highest flavor. This is an excellent variety for both the home garden and market. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.75.

Hoodoo. or "Hearts of Gold" The melons are almost perfectly round, thickly netted and very firm so they stand shipping well. The flesh is deep orange color, firm, very sweet and of delicious flavor. The vines are vigorous, free from blight and very productive. An excellent melon for shipping as it "holds up" well after picking. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.40.

HACKENSACK. A popular green-fleshed melon for market. Round ribbed, and thickly netted; handsome and of good flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.25.



Delicious "Gold Lined" Rocky Ford Muskmelon



Extra Early Knight Muskmelon

DELICIOUS GOLD LINED ROCKY FORD

This is the finest strain of Rocky Ford melon that we have found. It is not a yellow flesh melon as might be inferred from the name, but a regular green-flesh Rocky Ford melon. The "Gold Lined" refers to a butter-yellow color around the seed cavity which gives the melon an attractive and rich appearance.

The flavor is delicious, being sweet and sprightly. The melons are of medium size, heavily netted and very firm, so they carry well when shipped. They run very uniform in size and quality. The vines are vigorous, hardy and rust resistant.

This is a very fine melon either for home use or shipping. The seed we offer was grown by the originator and will be found of the very highest quality.

Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.60.

Rocky Ford. This is the variety which has made Rocky Ford, Colorado, so famous for good melons. It is a fine strain of Netted Gem. The fruit is oval in shape and covered with fine netting. The fruit is of medium size and very uniform. The flesh is very sweet, yet has the peculiar sprightly flavor so much desired in a muskmelon. It is medium early and prolific. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.25.

Honey Dew. The fruit is cream white of medium size and very hard. It will keep two months after picking.

The flesh is of a peculiar green color and is very sweet, but not of high flavor. The melon matures rather late and we do not recommend it for the Northern parts of the country. Pkt. 10c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.75.

Paul Rose. Fruit of medium size and netted; resembles the Rocky Ford or Netted Gem in appearance, but has deep orange colored flesh like the Osage. In fact this melon is a cross between the Netted Gem and Osage and is two weeks earlier than Osage; somewhat smaller and of even finer quality. The melons average about 1½ pounds each and are well netted very firm, with thick firm flesh and stand up well when shipped. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.40.

Miller's Cream or Osage. This is an excellent melon for home use and also for market where it is known. The fruit grows to a large size, is oblong in shape and dark green with slight netting. The flesh is deep orange color, very thick, deliciously sweet, and high flavored. The melons are uniformly of high quality, which cannot be said of many other varieties. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.40.

OSAGE, PERFECTED STRAIN. This strain of Osage or Miller's Cream melon is a week or ten days earlier than the old variety and the melons are a little smaller, but otherwise the same. Pkt. 5c; oz. 20c; ¼ lb. 55c; 1 lb. \$2.00.

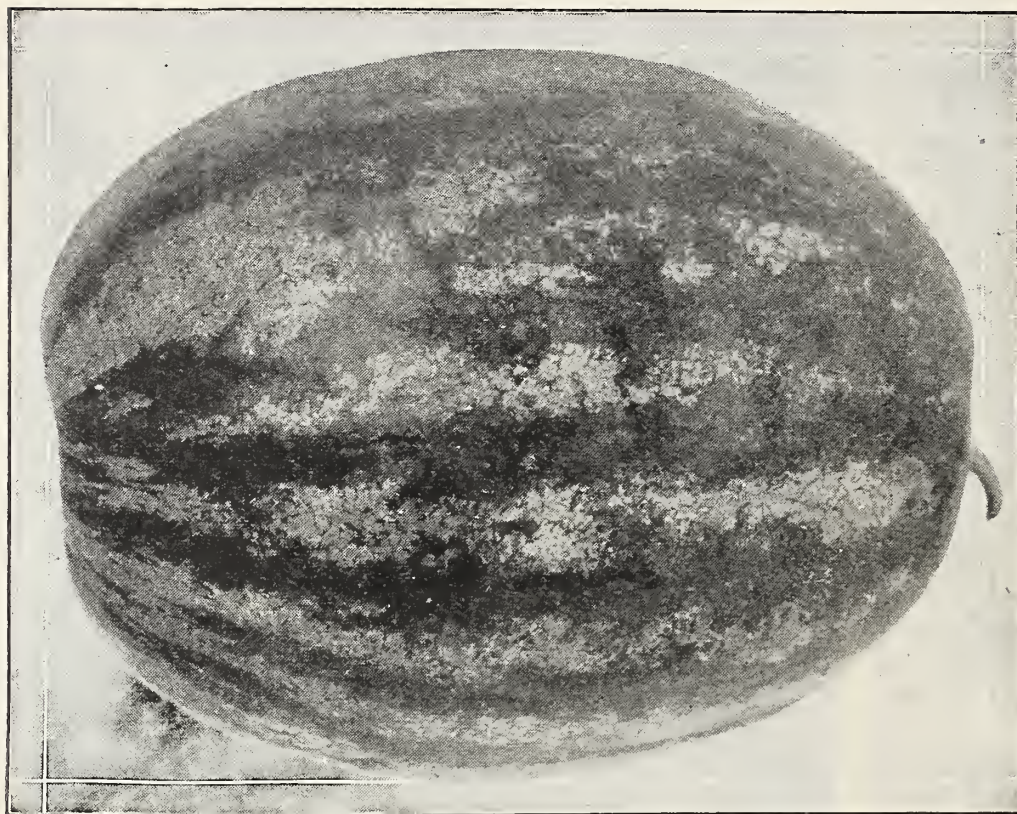


Melone (Ger.)

WATERMELON

Popone (It.)

A packet of seed will plant about 8 hills; an ounce 25 to 30 hills; 2 to 3 pounds will plant an acre.



Harris' Earliest Watermelon

IRISH GRAY. The melons are long and grow very large. The color is gray-green without distinct markings. The shell or rind is tough and firm so the melons stand shipping well. The flesh is bright red, very sweet and of very high quality for so large a melon. The seeds are brown. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 75.

ICE CREAM or PEERLESS (White Seeded). Early and of delicious flavor. Fruit quite long and light green and grows to a large size. On account of its earliness and fine quality this is a very desirable melon for home use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70.

MOUNTAIN SWEET. A large, medium early variety that has long been very popular. The melons are oblong in shape, deep green and have bright red flesh of good quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Kleckley Sweets, or Monte Cristo. This melon has become famous for its high quality. There is nothing finer in the way of watermelons than the delicious sweet, high flavored flesh of the "Kleckley Sweets." The melons are long, dark green with very solid, crisp, bright red flesh with white seeds. It grows to a large size and is always of superb quality. It is medium early and can be successfully raised anywhere south of New York State. Our Northern grown seed is much superior to seed grown in the South. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Anyone who has light sandy soil can raise good watermelons. Directions for culture will be sent with seed if requested.

The best varieties to grow depends upon the length of the season. In the North where the summers are short **Harris' Earliest**, **Cole's Early** and **Ice Cream** or **Peerless** are the most certain to ripen. Farther south larger and better melons can be raised by using **Tom Watson**, **Kleckley Sweets**, or **Irish Gray**. These varieties will ripen in southern Connecticut, Long Island, New Jersey, Ohio and Southern Michigan.

Harris' Earliest. This melon ripens very early and is one of the best varieties on this account to raise in the northern states. Any one who has light soil in a sunny warm situation can raise these melons. The fruit is oblong and marbled with light and dark green. The flesh is bright red, and of good quality, though not of the best. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 90c.

Cole's Early. The melons are not quite as large as **Harris' Earliest**, but the flesh is of deeper red color and very sweet, crisp and solid. The melons ripen very early and the vines produce lots of them. One of the best watermelons for private gardens in the Northern states. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 90c.

Halbert Honey. A medium early melon, and can be successfully raised in some of the Northern states. The melons are quite long with blunt ends. The color is deep green. The rind is very thin, the rich, deep, red, sugary flesh extending within an inch of the outside shell. The rind is rather thin for a good shipping melon, but for home use or nearby market this is a superb variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

Tom Watson. A long, deep green melon with bright red flesh, of high quality; resembles **Kleckley Sweets**, but has a tougher rind and grows even larger than that variety. It is an excellent melon for shipping and has become very popular in the South within the last few years. The seed we offer is Northern grown and of a very fine strain. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

HUNGARIAN HONEY. One of the very best early melons for home use. The melons not only ripen early, but are deliciously sweet, with firm, solid, deep red flesh and small seeds. The fruit is nearly round and medium to small size. Those who want an early melon of high quality should plant this variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

CITRON, Colorado Preserving. This melon is used exclusively for making preserves. The rind is thick and clear white, and makes preserves of excellent quality. Cultivation similar to watermelons. The fruit is round, striped and handsomely marbled. This variety has green seeds and is much larger and better than the red seeded citron. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

The Quality of Vegetables

Very few people realize what a great difference there is in the quality of vegetables of different varieties. Take beans for instance. Some varieties produce pods that are stringy and tough while others are stringless, tender, and of good flavor. The same is true of nearly all kinds of vegetables and fruit. The market growers do not pay so much attention to quality as to appearance, and as long as people who buy vegetables judge them in this way the markets will be supplied with many kinds that look good but are of rather indifferent quality.

We have for a number of years given special attention to the quality of different varieties of vegetables and we have discovered some excellent kinds that are not generally raised. Among the most notable are the following:

Scotia beans. A very fine flavored and tender green string bean.

Long Season beet. Much more tender and remains much longer than other kinds.

Stanley Cabbage. More tender than other kinds.

Buttercup Sweet Corn. A very sweet corn.

China cucumber. Very crisp and of superior flavor.

Ebenezer onion. Very mild and delicate.

Oskosh pepper. Very sweet and of superior flavor.

Quality squash. Very fine grained and dry.

Macomber turnip. Much better than other kinds.

We recommend these kinds to those who raise vegetables for their own table and want them of the very best.

"This makes five years that I have used your seeds. They are the best without any exception that we have ever planted. Your Quality squash and Scotia beans were grand. We will never be without either if we can raise them."—Howard Drake, Hopkinton, N. Y.

"I have bought most of my vegetable seeds from you now for several years and want to say that I am very well satisfied.

"It has always been my policy to plant freely on the theory that it is easier to thin out than to re-plant; but with your seeds I find it better to plant just enough, for it seems to me every seed grows—your Alderman peas and John Baer tomatoes cannot be beat."—Harry A. Wood, Fairhaven, Mass.

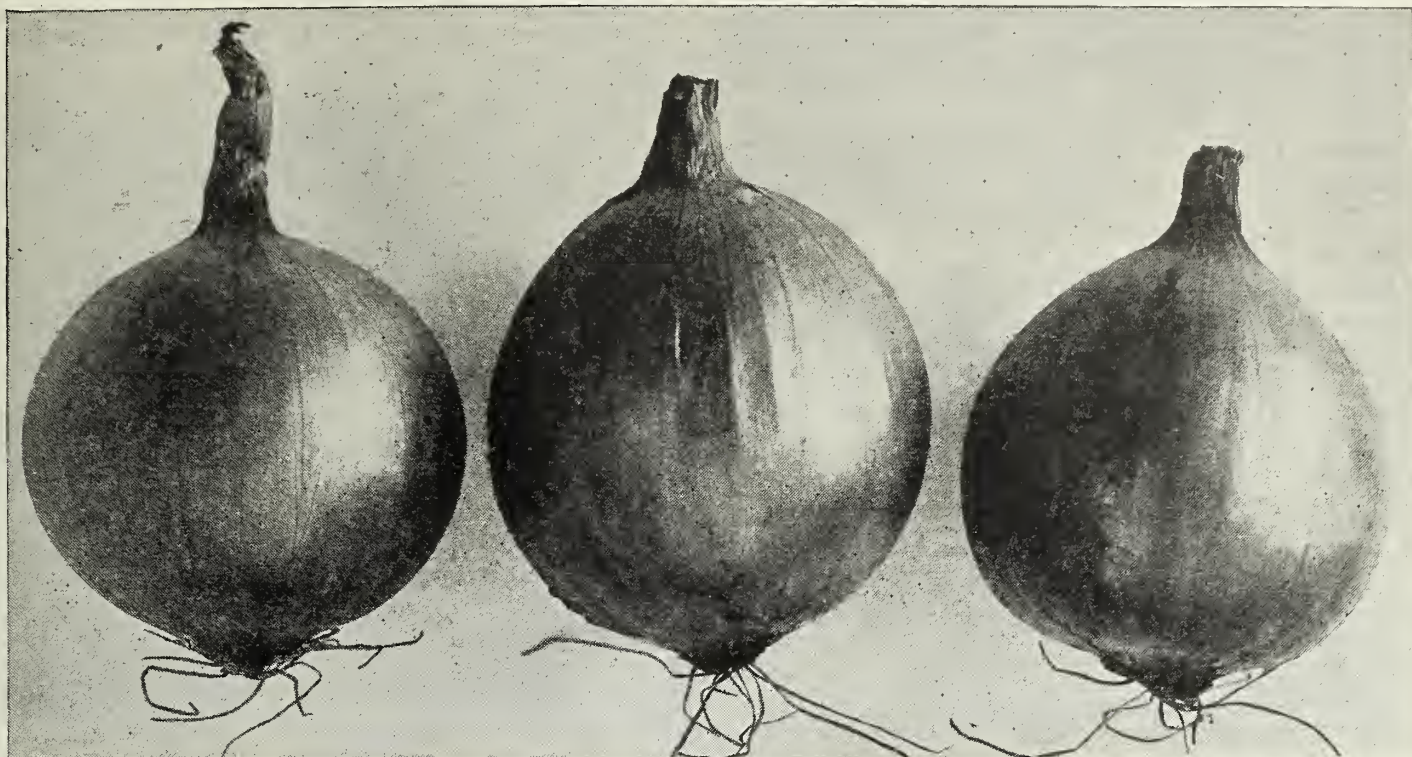
"The seeds ordered from you have been perfectly wonderful. We are delighted with our garden."—Ethel E. Emerson, Lunenburg, Mass.

Zwiebel (Ger.)

ONIONS

Cipollo (It.)

A packet of seed will sow about 25 feet of row; an ounce 125 feet. It requires 6 lbs. of seed per acre.



Yellow Globe Danvers

Southport Yellow Globe

Ohio Yellow Globe

Our Onion Seed is all grown from carefully selected onions, all inferior ones being rejected, and will therefore produce much even and better crops of onions than the seed usually sold. To get large crops of good, sound onions of good color and small tops you must have the very best of seed. Cheap, carelessly grown seed will not give such crops, even if it is perfectly fresh and germinates well.

Germination Tests. It is important for an onion grower to know just what per cent of the seed will germinate, so that he can judge how thick to sow in order not to waste the seed or get the crop too thin. All the seed we sell is given thorough tests for germination, and the exact results from such tests are marked on each package of seed (except packets) so that the purchaser can tell just what proportion of the seed is of good vitality. This ought to be worth a good deal to any grower. We shall be glad to tell any onion grower just how our seed of any varieties he is interested in, germinates in our tests before he buys the seed.

Onion Culture. Onions are raised in two ways, from the seed and from sets. Seed sown in early spring produces ripe onions in the fall, while sets set out at the same time make green "bunching" onions in a few weeks and dry ripe onions in July or earlier. Sets may be set out in the fall and will produce green onions earlier than when set out in the spring.

To raise good onions from seed the ground must be rich and in fine condition. Sow the seed as early as possible in rows 14 inches apart. Weed as soon as the onions appear and keep well cultivated all through the season. Seed may also be sown in a hotbed or greenhouse in February or March and the onions transplanted to the open ground when warm enough. The finest onions are raised in this way. More complete directions for raising onions will be found in our pamphlet on the cultivation of vegetables which will be sent free with seeds if requested.

TO RAISE EARLY GREEN ONIONS. Seed sown in June or July will usually produce fair size onions that if left where they grow and given a little protection will survive the winter and produce nice green onions, earlier than from sets and at much less cost. White Portugal or Silver Skin, is the best variety for this purpose.

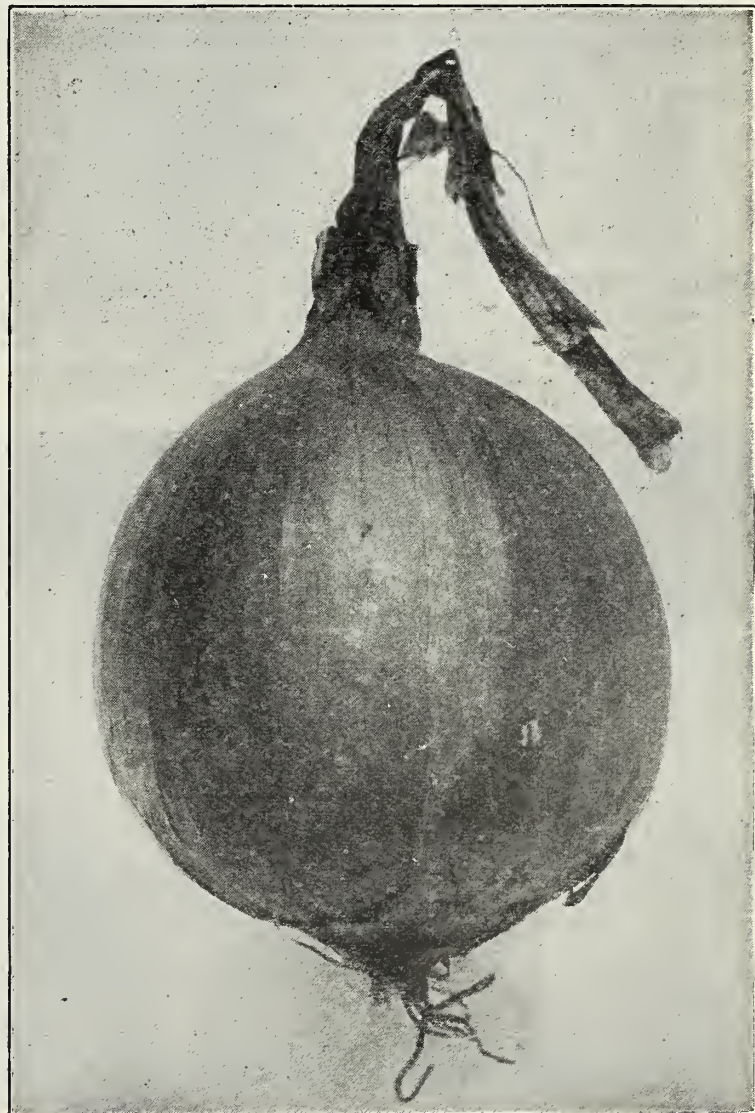
Yellow Globe Danvers. Harris' Selected Strain. The Yellow Globe Danvers has long been the most popular onion. We have a very fine strain of it which for uniformly fine shape and color and good keeping qualities we think has few equals in this country. This seed will produce onions of perfect globe shape with small necks and deep orange-yellow color. The flesh is creamy-white and of mild flavor. The onions are very firm, keep well and grow to a good size and mature medium early. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50; 5 lbs. or more at \$1.45 per lb.

Southport Yellow Globe. Special Selected Strain. This onion produces very heavy yields on good soil. The onions are of perfect globe shape and good deep yellow color. They are handsome onions and keep remarkably well. This is the best shaped and best keeper of the yellow globe onions. Our eastern grown seed is much superior to the western seed usually sold. We have an extra selected strain of this variety which produces onions of uniform globe shape and deep yellow color and with very small necks. Pkt. 5c; oz. 18c; ¼ lb. 45c; lb. \$1.70; 5 lbs. or more at \$1.60 per lb.

Ohio Yellow Globe. This strain of Yellow Danvers onion has been bred up by growers in Ohio and is very popular there and in many other sections. The bulbs are

slightly flattened at the bottom, but are otherwise the same as Yellow Globe Danvers. This strain of Yellow Globe onion has been found especially well adapted to muck land. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50; 5 lbs. or more at \$1.45 per lb.

Southport Red Globe. Harris' Special Selected. The largest and handsomest red onion; keeps better than any other kind, and the quality is especially fine, the onions being of exceptionally mild flavor and very tender when cooked. The onions are of perfect globe shape, deep red, and with small tops. Our strain is very fine, being grown from selected bulbs only. Pkt. 5c; oz. 20c; ¼ lb. 55c; lb. \$2.00.



Southport Yellow Globe Onion



Ebenezer. This is the mildest flavored onion we have ever tasted. The flesh is white, firm and of a very delicate flavor. The onions are large, somewhat flattened, yellow skinned and have very small tops and mature early. They will keep sound and hard all winter. Those who want a nice mild onion for their own use would do well to try the Ebenezer. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 95c; lb. \$3.75.

Round Yellow Danvers. This strain produces bulbs that are flatter than the Globe Danvers, but otherwise similar to that variety. This onion matures a little earlier, which makes this variety desirable where seasons are short. It is also used for raising onion sets. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

Prizetaker. This variety produces very large and handsome onions of good, bright yellow color and mild flavor. Single bulbs grown under favorable conditions sometimes weigh 2 pounds each. The onions are globe-shaped and of very mild, pleasant flavor. While these onions can be grown with perfect success by sowing the seed in the ordinary way in the open ground, yet the largest and finest specimens are obtained by sowing the seed in shallow boxes in February or March, and transplanting to the open ground as soon as the weather is warm enough. The Prizetaker requires two weeks longer to mature than Yellow Globe Danvers. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60; 5 lbs. or more at \$1.50 per lb.

Southport White Globe. The bulbs are of perfect globe shape, very firm and solid, perfectly white and of fine quality. In the hands of experienced growers this is a very profitable onion, as it always commands the highest price. To get perfectly white onions the bulbs should be pulled as soon as matured and dried in the shade. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

EARLY LARGE RED (Flat). This is the earliest large red onion. The bulbs are large around and flattened, and are firm and of fine quality. This onion will yield good crops even where seasons are short and the soil not perfectly adapted to onions, as the bulbs mature very early. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

Red Whethersfield. A very large, deep red onion, that matures early and succeeds well everywhere. The bulbs are flattened, very large around, solid and of fine quality. A good keeper. One of the best red onions for home use or market, where a globe-shaped onion is not required. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

AUSTRALIAN BROWN. This is a variety possessing remarkable keeping qualities. These onions have been kept in perfect condition the year around. The onions are of medium size, somewhat flattened, and of a light reddish brown color. They mature very early, being two weeks earlier than Yellow Danvers. The bulbs are very firm and ripen up hard and smooth, with very small necks. The flavor is mild and sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.45.

Giant Gibraltar. This is the immense Spanish onion which comes into our market and sells for high prices. The onions are globe shaped, slightly flattened, deep yellow and very smooth and handsome. They often weigh several pounds, and the flavor is mild and pleasant. By starting this onion early and transplanting the young plants, very fine large onions can be raised. We offer genuine imported seed. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.25.

White Portugal, or SILVERSKIN. An early, flat white onion of good size and mild flavor. Excellent for family use or market, matures earlier than Yellow Globe Danvers and keeps fairly well. When the seed is sown thick in a "ribbon row" the onions mature when small and are excellent for pickling, as they are snow white and very firm. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.50.



White Portugal Onions pulled for use while still "green"

EXTRA EARLY BARLETTA. The handsomest and most perfect white pickling onion grown. When sown thickly the onions mature about the size of a cherry, perfectly round, pearly white and of very mild flavor. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 55c; lb. \$1.90.



Photograph taken July 1st of onions raised from yellow sets planted April 4th.

ONION SETS

One quart (1 lb.) will set 75 to 100 feet of row, depending upon the size of the sets.

Fine onions are easily raised from sets and they should be grown in every garden. If the sets are set out early in the spring nice green onions can be pulled in a few weeks. A little later the bulbs grow large and are then ready to use cooked. They are of very delicate flavor. About the middle of July in this latitude the onions mature. They are then large, ripe onions which can be kept for a month if desired. The sets should be planted about 2 inches apart and covered an inch deep.

The prices quoted here per bushel are subject to change without notice. They will probably rule as quoted below. Please write us for prices if you need a considerable quantity. You cannot get as good sets cheaper anywhere.

YELLOW SETS. These sets will give good green onions early and if left to mature will produce large ripe onions later. See photograph above. Qt. (1 lb.) 25c; pk. (8 lbs.) \$1.10; bu. (32 lbs.) \$3.90.

EBENEZER SETS (Also called "Japanese" sets). By the use of these sets large ripe onions of the finest quality can be easily raised. If the sets are planted early in the spring the onions will be ripe in July and can be used all through the fall and winter. Sets of this variety do not produce seed stalks as do other kinds. Qt. (1 lb.) 45c; peck (8 lbs.) \$2.25.

WHITE SETS (Silverskin.) These make nice looking and fine flavored onions to eat while young. They also produce good large mature onions of fine quality. Qt. (1 lb.) 30c; peck (8 lbs.) \$1.60; bu. (32 lbs.) \$4.50.

Postage must be added if sets are to be sent by parcel post.

Ocher (Ger.) OKRA or GUMBO Ocro. (It.)

A packet will sow 15 feet of row; an ounce 50 feet.

Used for thickening and flavoring soup. The pods contain a large amount of gum, which imparts a thickness and softness as well as flavor to the soup. The pods should be picked before the seeds are developed. Directions for use can be found in any good cook book. The seed should be sown in the open ground when the ground is thoroughly warm. In this latitude about the 1st of June. Sow in rows 2½ feet apart and thin the plants to 18 inches apart. The pods may be picked and dried while young and green.

PERKINS' LONG POD, Perfected Strain. This variety is now used almost exclusively by the soup canners, as the pods are of a deep green color and of fine quality, and the plant is very prolific. The pods are long, and somewhat ribbed or corrugated. The plant grows tall and the pods are 5 to 6 inches long. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

WHITE VELVET. The pods are large, round and smooth, almost pure white, and of excellent quality. The plant grows 3 feet high. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Pastinake (Ger.)
PARSNIPS
Pastinaca (It.)

A packet of seed will sow 25 feet of row; an ounce 150 feet.
 Sow seed in May in rows 2 feet apart and cover the seed only ½ in. deep. Thin the plants to 4 inches apart.

Harris' New Model. The parsnips grow to a medium length and are very smooth, without small roots or prongs, and are snow white, much whiter than other kinds, and therefore more attractive in market. See page 14. Pkt. 8c; oz. 18c; ¼ lb. 45c; lb. \$1.65.

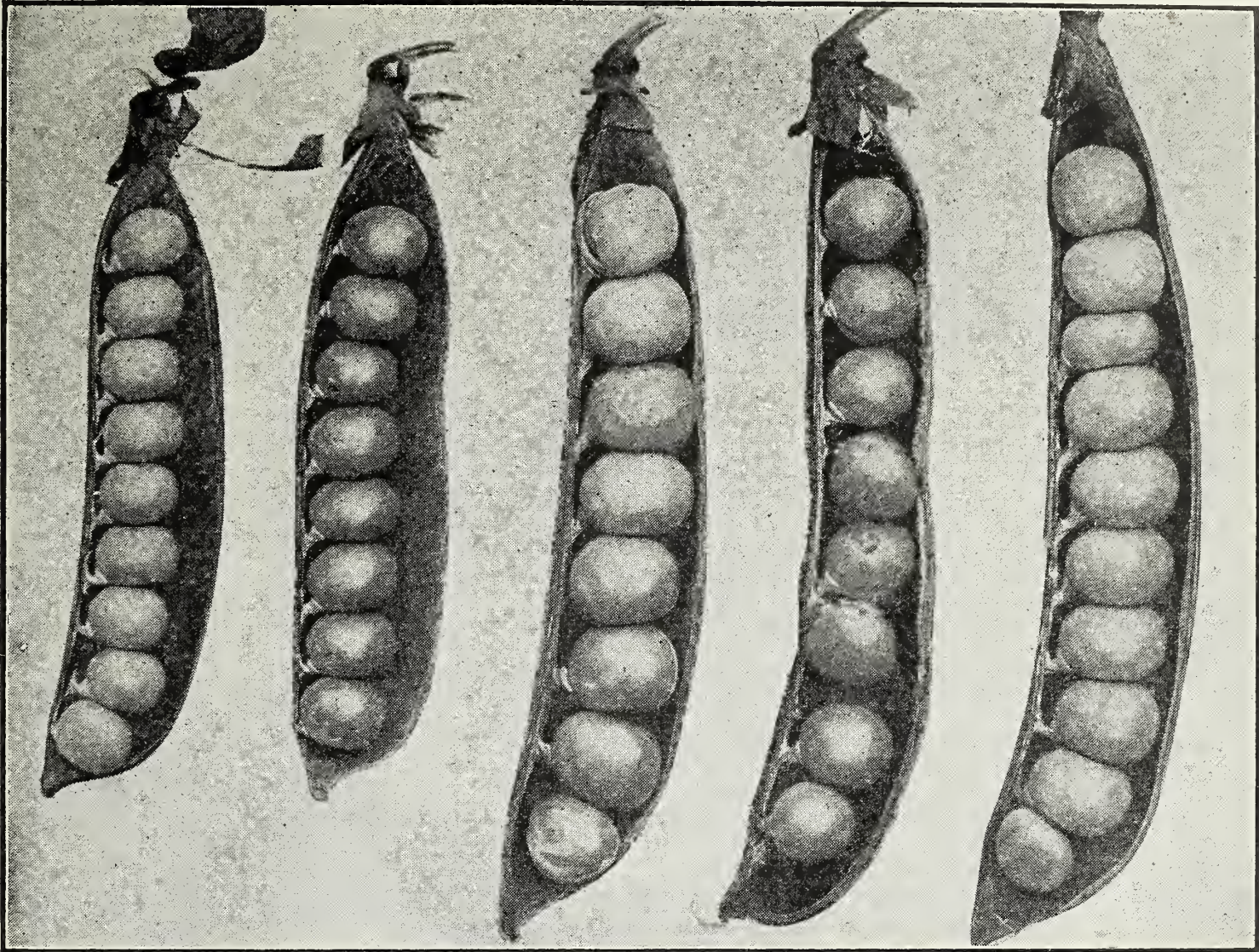
LONG HOLLOW CROWN. Long, smooth and straight, and of fine quality. We have a fine strain of this popular variety. Pkt. 5c; oz. 10c; ¼ lb. 40c; lb. \$1.40.

PEANUTS

Peanuts can be successfully grown in the North on warm, sandy soil in a sheltered place with a southern exposure. South of Pennsylvania they can be grown on any good light soil.

Peanuts should be planted the same time as corn in rows 2½ feet apart, dropping the nuts 8 to 10 inches apart, cover 1 in. deep. The nuts should be shelled before planting. A dressing of slaked lime or land plaster is of great benefit. When the plants are nearly full grown throw earth up to them the same as "hilling" potatoes. This will cause the nuts to form.

Early Spanish. The earliest variety and best for the North. Per lb. 25c; 5 lbs. or more 20c per lb.



Advancer
Thomas Laxton
Heroine
Telephone
Alderman

Erbсен (Ger.)

PEAS

Pisello (It.)

Sow Plenty of Peas: There is no more delicious vegetable than fresh, young green peas picked right off the vines in your garden and cooked immediately. If the garden is small, sow all the land you can spare. After the peas are gone the land can be used for late cabbage, turnips, spinach, etc.

A pound of seed will sow 100 feet of row. Two to three bushels per acre.

Some of the Best Varieties of Peas

Surprise or Eclipse. This is the earliest sweet wrinkled pea. Matures as early as Alaska and is of far better quality. The pods are of fair size, and the vines are very prolific. One of the best very early peas, and we highly recommend it for family use. See price list next page.

Laxtonian. A very early dwarf pea with pods nearly as large as Telephone and matures two weeks earlier. The vines are 18 inches tall and need no support. The pods and peas are deep green and the quality is very fine. Other names for this variety are **Pioneer** and **Peter Pan**. These are both so similar to a good stock of Laxtonian that we cannot see any difference. See price list next page.

Hundredfold or Blue Bantam. This pea may be described as an improved Laxtonian as it resembles that variety very much but is a little larger and more prolific. The pods are 3½ to 4 inches long and well filled with large deep green peas of fine quality. The vines are 16 to 18 inches high and very strong. The peas mature the same time as Laxtonian. See price list next page.

Thomas Laxton. The pods are of good size and produced in abundance. The peas mature a few days after the very earliest kinds, such as Alaska or First and Best, but are of so much finer quality that they are well worth waiting for. This is one of the very best early sweet wrinkled peas. See price list next page.

Advancer. Matures in mid-season between the early and late kinds. The pods are of medium size but so well filled that they contain just as many peas as the very large pods of such varieties as Telephone, Alderman, etc. The vines are of low, stocky growth and yield immense crops. The quality of the peas is of the very best. See price list next page.

Alderman. A very fine pea for main crop. Yields more than almost any other variety. The pods resemble Telephone, but are larger, deeper green and better filled, while the vines are of more robust growth and more prolific. It is really an improved Telephone. The pods are immense, often 5 inches long and contain 8 to 10 large peas. Matures medium late and the vines are 4 feet tall.



PEAS—Continued

Heroine. One of the best large podded late peas. The pods are often 5 in. long and well filled with large deep green peas of fine quality. The vines are only 2½ ft. high and need not be supported. We highly recommend this pea for late use. See price list below.

Prizewinner. An excellent late pea with stocky vines that do not need support. The pods are very large and well filled and very deep green. The vines are 2½ feet tall, very strong and produce heavy crops. The peas mature a few days later than Telephone. See price list below.

PRICE LIST OF PEAS

The figures after the names refer to height of the vines.

Half pounds will be supplied for half the pound price. No less than ½ lb. sold. Any quantity greater than 15 lbs. will be supplied at the same rate.

Early Varieties

	Lb. (1 pt.)	2 lbs. (1 qt.)	8 lbs. (4 qts.)	15 lbs. (pk.)
ACQUISITION. A new early pea with large pods. See page 14.....	\$.30	\$.55	\$1.85	\$3.30
ALASKA (2 ft.). One of the earliest kinds. Small pods.....	.28	.45	1.40	2.40
FIRST AND BEST, OR EARLIEST OF ALL (2 ft.). Extra early and very hardy.....	.30	.50	1.45	2.55
SURPRISE, or ECLIPSE (20 in.). Earliest sweet wrinkled pea.....	.30	.50	1.55	2.70
LITTLE MARVEL (20 in.). New early dwarf variety; very prolific and of the finest quality.....	.30	.50	1.55	2.70
HUNDREDFOLD or BLUE BANTAM. A very fine early pea. See description on opposite page.....	.30	.50	1.60	2.85
LAXTONIAN (18 in.). Has very large deep green pods and matures early; see description opposite page. This pea is also called "Pioneer" and "Peter Pan.".....	.30	.50	1.55	2.70
THOMAS LAXTON (2 ft.). Very early, medium size pods and of highest quality.....	.30	.50	1.55	2.70
NOTT'S EXCELSIOR (15 in.). Earliest dwarf pea. Very fine quality.....	.30	.50	1.55	2.70
SUTTON'S EXCELSIOR (18 in.). Larger than Nott's Excelsior, but four days later. A very fine dwarf pea with large pods.....	.30	.50	1.55	2.70
GRADUS, or "PROSPERITY" (2 ft.). Early, large pods, finest quality. The peas are of delicious flavor and sweetness. There is no pea of finer quality.....	.30	.50	1.55	2.70
McLEAN'S LITTLE GEM (15 in.). A medium early pea of high quality, pods of medium size.....	.30	.50	1.55	2.70
AMERICAN WONDER (15 in.). Very early dwarf pea. Prolific and of the finest quality.....	.30	.50	1.55	2.70

Medium and Late Varieties.

CARTER'S DAISY, or DWARF TELEPHONE (18 in.). An excellent late dwarf pea. Very large pods and peas of finest quality.....	.30	.50	1.60	2.85
DWARF CHAMPION (2 ft.). Like Champion of England, but vines do not grow so tall. Very prolific and of high quality.....	.28	.45	1.40	2.40
HORSFORD'S MARKET GARDEN (2 ft.). We know of no pea of finer quality, being very sweet and delicious. It is also very productive. Matures late and is valuable for the home garden to prolong the season. Pods of medium size.....	.28	.45	1.45	2.40
DUKE OF ALBANY (4 ft.). Much like Telephone, but better. Large deep green pods, well filled with peas of finest quality, medium late. One of the heaviest yielding varieties.....	.30	.50	1.55	2.70
ALDERMAN (4½ ft.). An improved Telephone. The best pea of the Telephone type.....	.30	.50	1.55	2.70
HEROINE (2½ ft.). One of the best late kinds. Very long pods well filled with delicious sweet, dark green peas. See description on opposite page.....	.30	.50	1.55	2.70
PRIZEWINNER. One of the best late peas. See description above.....	.30	.50	1.60	2.85
TELEPHONE (4 ft.). The standard for quality. Large pods, and quite prolific. Medium late.....	.30	.50	1.55	2.70
ADVANCER (2 ft.). A very prolific medium late variety. Keeps bearing for a long time and is of fine quality.....	.28	.50	1.45	2.55
CHAMPION OF ENGLAND (5 ft.). A tall late pea of fine quality. Very prolific.....	.28	.50	1.45	2.55
IMPROVED STRATAGEM (20 in.). A very large fine pea, strong and stocky, late. The pods are very large and the peas of the finest quality. The vines are short, so need no support.....	.30	.50	1.60	2.85
DWARF WHITE MARROWFAT (4 ft.). Does not grow quite as tall as the old Marrowfat, but otherwise the same.....	.25	.40	1.30	2.25
MAMMOTH MELTING SUGAR (4 ft.). Edible pods. The largest and finest of this class. The pods are cooked like string beans. Remove strings before cooking.....	.30	.55	1.85	....

PARSLEY

Petersilie (Ger.)

Prezzemolo (It.)

A packet will sow 50 feet of row; an ounce 200 feet.

Sow in the spring or summer where the plants can be left until the following spring. Some plants can be transplanted into boxes of earth and kept in a light cellar window for use during the winter.

Dwarf Perfection. This is without doubt, the finest parsley grown. The plant is of semi-dwarf habit, very compact and of a beautiful bright green, while the leaves are very finely cut and curled. We think the flavor superior to other parsley. Pkt. 10c; oz. 18c; ¼ lb. 40c; lb. \$1.40.

CHAMPION, or TRIPLE MOSS CURLED. Very finely curled leaves. Medium deep green, of upright growth and of excellent quality. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. \$1.00.

Plain. The leaves are not curled. Pkt. 5c; ¼ lb. 25c; lb. 90c.

HAMBURG, or TURNIP-ROOTED. The roots are used as well as the leaves. The roots are boiled and served like parsnips and have a very pleasing flavor. They can be stored in sand and used all winter. We offer an improved variety called "Thick Sugar," which has nice, smooth roots of medium length and large around, and fine sweet flavor. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.



Dwarf Perfection Parsley

Pfeffer (Ger.) PEPPERS Peperone (It.)

A packet of seed will produce about 75 plants;
an ounce 1000 plants.

Peppers are not difficult to raise if the right seed is used and the plants set out early on rather light, rich soil. If the peppers are kept picked before they turn red, the plants will produce great numbers during the season.

When sowing pepper seed cover very lightly, keep the soil moist and very warm. The seed will not germinate unless kept warm all the time.

Oskosh. A New Yellow pepper. See page 13. Pkt. 12c; oz. \$1.00.

Magnum Dulce A very fine large pepper. See page 13. Pkt. 10c; oz. 60c; ¼ lb. \$2.25; 1 lb. \$8.00.

HARRIS' EARLIEST. The earliest sweet pepper. See description page 12. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.

GIANT CRIMSON (also called OHIO CRIMSON). We consider this one of the best of the very large fruited sweet varieties. It is as large as Chinese Giant, and is earlier and more prolific. The peppers are often 5 inches high and 4 inches across and very mild. The peppers are deep green when young and bright scarlet when ripe. A desirable variety for stuffing and mangoes. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$5.50.

NEAPOLITAN. Two weeks earlier than other large kinds. The peppers are of good size, 4 to 5 inches long and 2 inches across. They are produced upright on the plants, and as many as 30 have been counted on a single plant. The fruit is mild and of sweet pleasant flavor. The color is light green when young and bright red when ripe. Pkt. 10c; oz. 35c; ¼ lb. \$1.95; 1 lb. \$3.50.

CHINESE GIANT. The largest pepper. The fruit often measures 5 to 6 inches high and four to five inches in diameter. It is a sweet pepper, being very mild flavored and has thick flesh. Matures rather late. Pkt. 10c; oz. 60c; ¼ lb. \$2.15; 1 lb. \$6.75.

SWEET MOUNTAIN. A large red pepper with fruit of good size, about the shape of Ruby King and resembles that variety closely. The plant is very prolific and will produce a great many peppers if they are kept picked before they get ripe. Pkt. 10c; oz. 40c; ¼ lb. \$1.10; 1 lb. \$4.00.

RUBY KING. The fruit is 5 to 6 inches long, and 2 ½ to 3 inches in diameter, bright red when ripe, deep green when young, flesh thick and very mild. Harris' Earliest will bear more, but the fruit is not quite so large. Pkt. 10c; oz. 40c; ¼ lb. \$1.00; 1 lb. \$3.75.



Tomato or Squash Pepper

PUMPKINS

A packet will plant from 8 to 10 hills; an ounce 25 hills.

SMALL SUGAR. Small, deep yellow pumpkins, ribbed and flattened at the ends. They have good thick, sweet flesh that is excellent for pies. There is always a good demand for these pumpkins in market. They ripen early and the vines are very prolific. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 85c.

WINTER LUXURY, or IMPROVED SUGAR. Grows a little larger than "Small Sugar," and the fruit is without ribs, lighter yellow and netted like a muskmelon. The flesh is thick and of fine quality, and they will keep all winter, if properly stored. A very fine pumpkin for home use or market. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 90c.

LARGE CHEESE or Kentucky Field. Fine grained and sweet. Large fruit, mottled light green and yellow, flattened at the ends. An excellent variety for the South. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 65c.

MAMMOTH POTIRON (also called "King of Mammoths" and "Jumbo"). The largest pumpkin grown, often weighing 100 pounds. Salmon colored skin; flesh yellow, thick and of good quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.30.

CONNECTICUT FIELD, or "Big Tom." The common large yellow pumpkin; the best to grow among corn for stock feeding or pies. Our strain of this variety is very fine and produces the largest and handsomest pumpkins. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 55c; 5 lbs. or more 50c per lb.



Giant Crimson Pepper

Pimiento. Fruit of medium size, pointed or top-shaped, very smooth and glossy; exceptionally thick flesh which is firm, sweet, and of the very best quality for either salads, stuffing, or canning. The plants are quite tall and produce a great many peppers, but they mature quite late, so this variety is better for localities south of New York than farther north. The peppers are deep green changing to red when ripe. Pkt. 10c; oz. 45c; ¼ lb. \$1.40; 1 lb. \$5.00.

TOMATO OR SQUASH. (Also called "Cheese" pepper) The peppers are the shape of a tomato and quite smooth, deep green changing to bright red when ripe. Flesh quite thick and of mild flavor. Ripens medium early. An excellent variety for salads. Pkt. 10c; oz. 40c; ¼ lb. \$1.20; 1 lb. \$4.50.

BURPEE'S SUNNYBROOK. In our trial this proved to be the same as Tomato or Squash Pepper.

LARGE BELL, or BULL NOSE. One of the hardiest and earliest varieties. Bright red when ripe, deep green when young; thick flesh, somewhat "hot" or pungent. The vines are dwarf and produce a large number of peppers, which are of good size and nearly as large around as long. Pkt. 10c. oz. 40c; ¼ lb. \$1.00; 1 lb. \$3.75.

GOLDEN DAWN. The peppers are green when young and when ripe are of a beautiful golden yellow, of fine shape, and of sweet, pleasant flavor. Early and very productive. Pkt. 10c; oz. 60c.

CAYENNE. Used for seasoning pickles. The peppers are long and slim, bright red when ripe and of sharp, pungent flavor. Pkt. 10c; oz. 50c.

NEW GIANT CAYENNE. One of the best "hot" peppers. The fruit is 3 inches long and 1 inch through, being much larger than the old cayenne pepper, and the fruit is equally pungent. Matures early and is very prolific. Pkt. 10c; oz. 45c; ¼ lb. \$1.50.

PEPPER PLANTS. See Plant Department, back pages of this catalogue.



Winter Luxury Pumpkin



Radies (Ger.)

RADISH

Ravanello (It.)

A packet of seed will sow 15 to 20 feet of row; an ounce about 75 feet.

To get radishes that are not too "hot" in the open ground, the soil should be very loose and quite rich. A little nitrate of soda applied as soon as the radishes come up will help a good deal. Sow the seed in rows a foot apart and thin the plants to 2 inches apart. There is no way to prevent injury by maggots except to screen the beds with cheese cloth to keep the flies out.

By sowing radish seed in August or first of September much better radishes can be raised than in the spring and summer, as they are not injured by maggots in the fall.

For sowing in frames or greenhouses **Early Scarlet Globe** is the most popular variety. It is also one of the best for the open ground.

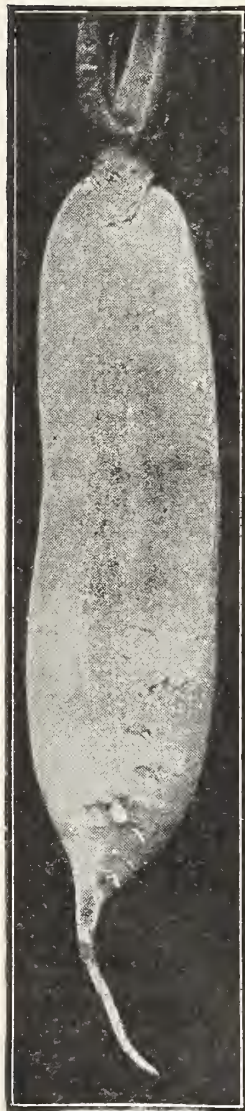
Early Scarlet Globe. A very early globe-shaped radish suitable for forcing or open ground. The radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain, grown from transplanted roots, and will be found unsurpassed. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

EARLIEST SCARLET GLOBE SHORTLEAF. Called also "Red Rocket," "Startle," or "20 Days." Grows more oval in shape than the Early Scarlet Globe and is popular for forcing. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

HARRIS' SPECIAL SCARLET FORCING. This radish is not as oval in shape as the Early Scarlet Globe and has smaller tops and matures a day or two earlier. It is a fine round, early radish for the greenhouse or the open ground. The color is very bright scarlet, while the flesh is white, crisp, and of very mild flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

EARLIEST SCARLET WHITE-TIPPED or **Sparkler.** Also called "Rosy Gem" and "Rapid Forcing." This is the same as the Scarlet Forcing described above except that each radish is tipped with white, making them very handsome when bunched or on the table. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

PHILADELPHIA WHITE BOX. The radishes are round as a ball, pure white, very solid and crisp, and of a mild flavor. Valuable for forcing and open ground. Matures somewhat later than the earliest red kinds and has large tops. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



Icicle Radish

Crimson Giant Globe. Globe shaped, bright scarlet with crisp and solid white flesh. The radishes grow larger than Early Scarlet Globe and stands longer without becoming pithy. Used for forcing and the open ground. The tops are larger than those of the earlier forcing varieties. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

CHARTIER. The best long red radish. The roots grow 6 to 7 inches long and about 1 inch in diameter. They are smooth, bright red, and white tip. Very handsome and of fine quality. They remain for a long time without getting pithy. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

French Breakfast. A handsome little olive shaped radish, very bright red except a clear white tip on the bottom. Grows very rapidly and is of very fine quality. It is especially well suited for sowing in the open ground and is also a good radish for forcing. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.

Icicle. This beautiful white radish grows with remarkable rapidity, and is valuable for forcing as well as for the open ground. The radishes are long, straight, pure white, and nearly the same size the whole length. It is earlier than White Vienna or Lady Finger, and is of very fine quality. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 35c; lb. 95c.

GIANT WHITE STUTTGART. A very large, round, white radish, of good quality, used as a summer and fall variety, as the roots will stand a long time without becoming pithy. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

WHITE STRASBURG. A first-class long, white radish for summer use; will remain crisp and tender even when very large. The roots when ready to use are 4 to 6 inches long, and $1\frac{1}{2}$ to 2 inches in diameter. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.



Harris' Special Scarlet Forcing Radish

Lady Finger or White Vienna. Long pure white radish that grows rapidly and is excellent for forcing in the open ground, being crisp and of finest quality. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.

LONG SCARLET SHORT-TOP. Grows 6 to 8 inches long; is straight, smooth, and bright scarlet, and is of the best quality. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.

DELICACY. A very fine white summer radish; globe shaped, smooth and of very fine quality. Can be used in the summer, fall and winter. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

WINTER RADISHES

These varieties should be sown in July and August. They do not succeed if sown in the spring. They are excellent for fall and winter use, and will keep a long time in sand and in the cellar.

CHINESE ROSE. One of the very best varieties. Roots 5 to 6 inches long and 2 inches in diameter. Bright rose color; flesh white, crisp, and of mild flavor. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

LONG BLACK SPANISH. A long, smooth radish nearly the same size at the bottom as the top. The outside is black while the flesh is very white, crisp and of fine quality. Popular in market. Will keep all winter if stored in moist sand. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.

BLACK SPANISH TURNIP. Similar to the above except in shape, which is short and round like a turnip. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.

CALIFORNIA MAMMOTH WHITE. Very large, pure white roots which are long, straight and smooth and of better quality than the Chinese White, or Celestial. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 30c; lb. 95c.

POTATOES

We make a specialty of fine quality seed potatoes from inspected fields that are practically disease free. Such seed produces much larger yields than ordinary seed. See description and prices on pages 47-48.

Note. No half-ounces can be supplied of any seed of which the price of an ounce is less than 30 cents.

Rhabarber (Ger.)

RHUBARB OR PIEPLANT

Rabarbaro (It.)

The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care. The best rhubarb is raised from plants that are propagated by division of roots that are known to be of the most desirable type. Seedlings cannot be relied upon to produce the best results no matter how carefully the seed is raised.

MYATT'S LINNAEUS. The earliest and best variety. The stalks grow very large, often 2 inches wide, and are light green and scarlet. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

Rhubarb Roots. The roots we offer are division of large roots which are known to be of the true Linnaeus variety. 10c each; \$1.00 per doz.; \$6.50 per 100. Roots weigh $\frac{1}{2}$ lb. each. Add postage if roots are to be sent by parcel post.

Spinat (Ger.)

SPINACH

Spinace (It.)

A packet of seed will sow 15 feet of row; an ounce 50 feet. It requires about 20 pounds of seed per acre.

Spinach should be sown as early as possible in the spring. It will be ready for use in four or five weeks after sowing. For fall use sow Aug. 1st, and to winter over sow the seed about September 1st in this latitude, and later farther south.

Spinach runs to seed quickly in hot weather, so the seed should be sown early in the spring or late in the summer in order to avoid having the crop mature in July or August. If sown about August 1st, spinach will grow very large and can be used from the first of September until the ground freezes. New Zealand spinach will stand hot weather well and give a constant supply of good spinach all through the summer and fall.

"King of Denmark." A very valuable new variety. Stands longer without running to seed than any other kind. See page 15. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 25c; lb. 75c.

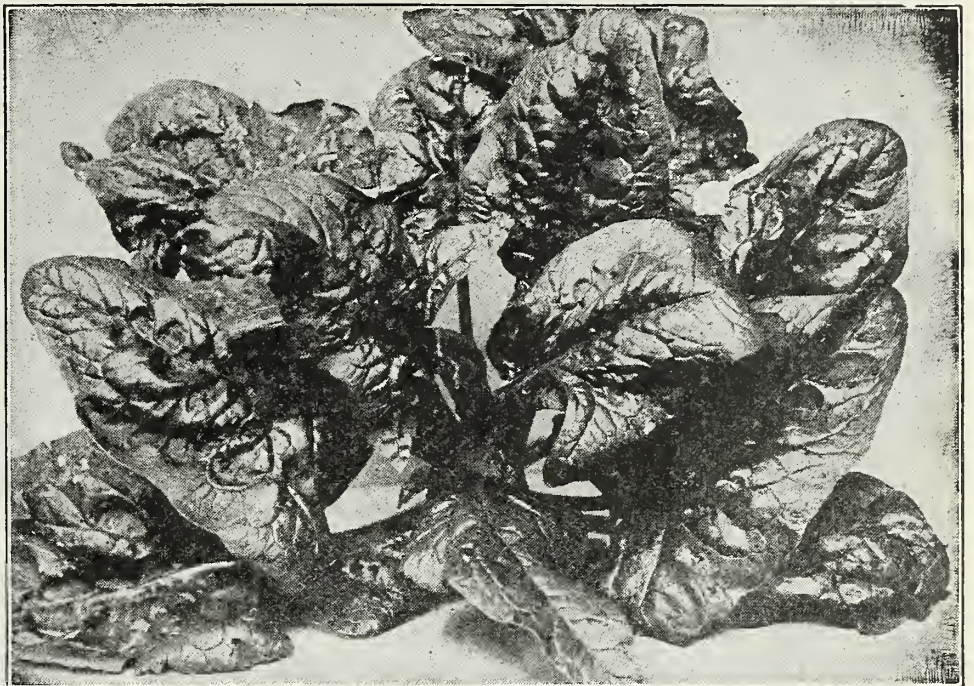
Eskimo, or Giant Thick Leaf. Has very thick, deep green leaves of the largest size, and grows rapidly. Stands well without running to seed. One of the best kinds for either spring or fall sowing. It is very hardy and stands the winter well. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.

Large Thick-Leaved Viroflay. Very large, pointed leaves of good quality. Grows more rapidly than other kinds, so can be used earlier. Plant makes a more upright growth than Long Standing. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.

Giant Crumpled Leaf. A very large, rapid growing spinach with deep green crumpled leaves that are thick and of fine quality. Stands well without running to seed. One of the best kinds. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.

Long Season. This spinach stands longer without running to seed than any other kind except King of Denmark. The leaves are very thick and dark green—much deeper in color than other kinds. The plants resemble the Savoy Leaf in appearance, but are darker green, and stand much longer. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 18c; lb. 45c.

Victoria. The leaves are round, thick, broad dark green and somewhat curled, and are of the best quality. Stands well without running to seed and is one of the very best varieties for either the home garden or market. It is quite hardy and can be sown in the fall for spring use. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.



Eskimo Spinach

NORFOLK SAVOY-LEAVED (also called Bloomsdale.) A very handsome variety, with curled or blistered leaves like a Savoy cabbage, and of first-class quality. Runs to seed quickly in hot weather. Used quite extensively for fall sowing to winter over for spring use. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.

LONG STANDING (Enkhuizen Strain). Leaves large, thick, round, dark green and of fine quality. Pkt. 5c; oz. 8c; $\frac{1}{4}$ lb. 15c; lb. 40c.

NEW ZEALAND SPINACH (*Tetragonia expansa*). This is not a true spinach, but a plant that can be used for the same purpose. Produces an abundance of leaves on stems a foot or more in length. Will grow during hot, dry weather when other spinach would be useless, continuing to furnish nice "greens" all summer and fall. Young leaves are picked and separated from the stems and are then very tender and of excellent quality. Soak the seed in warm water 12 hours before sowing, as it is difficult to get it to germinate. Sow the seed in the spring in rows 2 feet apart. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 95c.

SALSIFY OR VEGETABLE OYSTER

Haferwurz (Ger.)

Sassefrica (It.)

A packet of seed will sow 15 feet of row: an ounce 75 feet.

"Oyster Plant," as it is often called, is easily grown and is used in the late fall and winter when there are very few fresh vegetables to be had.

The best roots are grown on rather light soil, but good ones can be produced on almost any good garden land. Sow the seed in May in rows 2 feet apart and thin the plants to 3 inches apart. The roots can be used any time in the fall and winter. They will remain in the ground all winter and come out in perfect condition in the spring. Before the ground freezes a supply of roots should be dug and placed in moist sand in the cellar for use in the winter when the ground outside is frozen.

MAMMOTH SANDWICH ISLAND. An improved variety that grows very large, often measuring 4 to 5 inches around, and of the best quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.65.

Sauerampfer (Ger.)

SORREL

Acetosa (It.)

The improved large-leaved garden sorrel is used as greens like spinach, or for flavoring soup. Sow the seed in the spring in good light soil and thin the plants to 4 inches apart.

IMPROVED BROAD LEAVED. The best variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.



Salsify



Kuerbiss (Ger.)

SQUASH

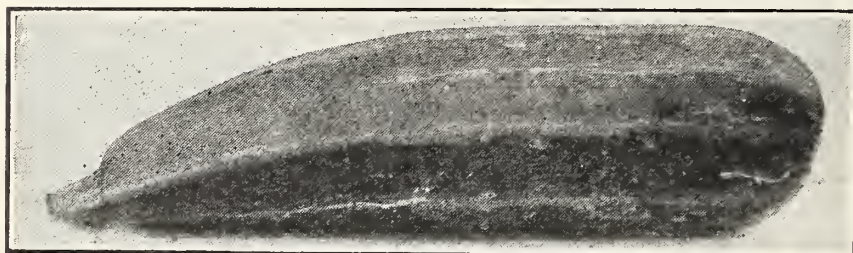
Zucca (It.)

A packet of seed of summer varieties will plant 6 to 8 hills; an ounce 30 hills.
A packet of winter varieties will plant 3 to 4 hills; an ounce 15 hills; 3 or 4 lbs. of seed per acre.

SUMMER VARIETIES

GIANT CROOKNECK. This improved strain of the old Yellow Summer Crookneck Squash is as early as that variety, while the fruit grows nearly twice the size. The squashes are deep golden yellow and very warty, but not of quite as good quality as the old kind. Vines of dwarf or bush form. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

EARLY BUSH CROOKNECK. The old popular Yellow Summer Crookneck Squash. It is of fine quality and very hardy. The vines grow only 2 feet long, so can be planted near together. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



Italian Vegetable Marrow

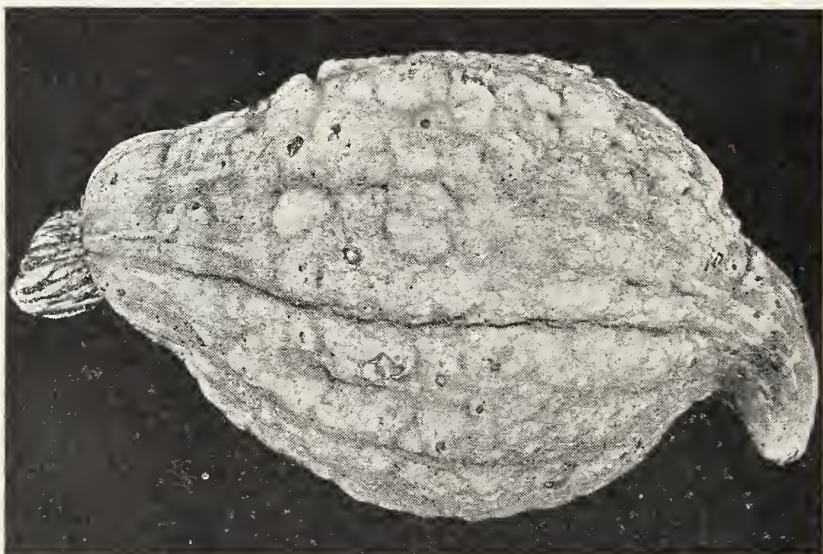
Italian Vegetable Marrow. (Cocozella di Napoli). This is the most delicate and fine flavored summer squash we have ever grown. It is very largely used in Europe and is considered delicious by many travelers who get it while there. The fruit is long and slender, mottled dark and light green. It is used when 10 or 12 inches long and while perfectly green. It should be cut in slices and fried in butter. Try it. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

"SUMMER ASPARAGUS." The above described Italian squash is sometimes very absurdly called "Summer Asparagus." It has no resemblance whatever to Asparagus, being a variety of squash. Some people know it by no other name so we would call their attention to the fact that Italian Vegetable Marrow is the same thing. See price above.

VEGETABLE MARROW. This squash is very popular in England. The fruit is 8 in. to a foot long, 4 to 5 in. in diameter and of a creamy white color. It is used when half grown, the same as any summer squash. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

MAMMOTH WHITE BUSH SCALLOP. The fruit is round, pure white and scalloped around the edges. This squash is of excellent quality for summer use. Our strain is the Improved Mammoth, which is much larger than the old kind and equally early. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 35c; lb. \$1.15.

EARLY YELLOW BUSH SCALLOP. The same as White Bush Scallop described above, except that the fruit is yellow and has yellow flesh. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.



Blue Hubbard Squash

FALL AND WINTER VARIETIES

Hubbard. True Original Strain. There has been a great deal of seed sold of inferior strains of Hubbard squash which have not the fine quality of the old variety. We are therefore glad to be able to offer some seed of a very fine strain of the old stock, which will be found excellent in every way. The fruit grows to a good large size, yet is heavy and of extra fine quality, cooking dry and without any stringiness. The shell is smooth and hard and deep green. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

IMPROVED WARTED HUBBARD. This strain of Hubbard squash produces very large fruit covered with warts, and of dark green color. Sells well in the market, as the fruit is very handsome and of the largest size, but is not of as fine quality as the original Hubbard. The seed we offer is a fine strain of the true Chicago Warted Hubbard. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

GOLDEN HUBBARD. Like the true Hubbard, except that the fruit is of deep orange red, making it very attractive in appearance, and is of fine quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

Blue Hubbard. A new variety obtained by selection from the original Hubbard. The fruit is of a gray-blue color, grows very large and keeps remarkably well as the shell is extremely hard. The quality is equal to or even better than the original Hubbard. The shape and appearance of this squash is well shown in the photograph reproduced here. Pkt. 8c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

QUALITY. A winter squash of very fine quality. See description page 16. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c.



Mammoth White Bush Scallop Squash

Delicious. With the exception of the new "Quality" this is the finest flavored winter squash we know of. It is so dry and fine-grained that it resembles a good sweet potato more than ordinary squash. The fruit is not quite as large as Hubbard but is very heavy, and is of far better quality than that variety, being dryer, richer and sweeter. Gardeners find it profitable for market where good quality is appreciated. Pkt. 5c; oz. 18c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

BOSTON MARROW. An excellent fall squash, well known and popular in market. Fruit of good size, deep orange yellow, and with thick flesh of good quality. Largely used for canning and making pies, for which it is very fine. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

PROLIFIC or EARLY ORANGE MARROW. Fruit deep orange color, with thick yellow flesh of the finest quality. It is similar to Boston Marrow but of darker color. One of the best squashes for fall or early winter use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

ESSEX HYBRID. A sweet fine-grained and high-flavored squash. Flesh very thick, deep yellow and firm. Fruit is round, ribbed and flattened at the ends, and of a salmon-red color when ripe. Has a distinct "button" at the blossom end. Will keep all winter. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

ABOUT SQUASH The "bush" varieties like Crookneck, Italian Vegetable Marrow and Bush Scallop can be planted in "hills" $3\frac{1}{2}$ feet apart, but the "running" varieties like Hubbard, Delicious, Boston Marrow, etc., should be planted 8 feet apart. The vines often extend 20 feet in all directions. Bugs often destroy the young plants as soon as they appear above the ground. To prevent this it is a good plan to spray the plants with a thin white wash to which some arsenate of lead has been added. The white wash should be like milk. Dusting lime or "Bug Death" on the plants while wet with dew will also keep the bugs off. Do not wait until the bugs appear, but spray or dust the plants as soon as they come up. To keep winter squash gather them before a hard frost has injured them, being very careful not to cut or bruise the shell. Store in a dry place where they will not freeze. An attic is a good place, a cellar a very poor one unless unusually dry.

Liebesapfel (Ger.)

TOMATOES

A packet of seed will produce about 150 plants; an ounce 2000 plants

Pomo d'oro (It.)

Harris' Special Selected Strains.

We have for years made a specialty of raising tomato seed of the best possible quality and we think our strains of some of the new and standard varieties are as fine as can be found anywhere, and far superior to what is usually sold. The seed of these special varieties is all grown on our own farm, and the greatest care is taken to improve the stock by selecting the fruit for seed from the vines that produce the smoothest, earliest and best tomatoes. Gardeners who wish an even crop of smooth fruit should try our seed.

Seed Grown in the North.
Our tomato seed is grown in the north near the Canadian border and is very much better for the northern states than the seed grown further south.

NOTES ON VARIETIES. The earliest tomato is **Earliana** which has large smooth fruit, but not quite as well colored as **Bonny Best** and **John Baer**, both of which are a week later, but are more uniform and of better color, all being deep scarlet. Of the pink or purple (crimson) varieties, **June Pink** is the earliest, but is not as smooth as **Early Detroit** and **Imperial**, which are both medium early, very smooth and handsome. **Globe** is late and has perfect globe-shaped, large, smooth fruit which is excellent for shipping.

Trucker's Favorite is another pink variety with large fruit which is more flattened than the **Globe**. **Ponderosa** is very large and solid, but is irregular and does not color well. Of the late deep red varieties, **Stone** and **Success** are quite similar, but **Success** is earlier—both are very smooth, productive and of high quality. **Superb Salad** is a small tomato very useful for salads.

Bonny Best. Harris' Special Strain

A magnificent early variety that should be largely planted for home use and market. The fruit ripens only a week later than **Earliana** and the plants produce enormous crops which continue to ripen until the vines are killed by frost. The tomatoes are large, as smooth as an apple and of a deep scarlet color which extends right up to the stem without any green tinge. This is one of the very best tomatoes for home use or market. The seed we offer is of our own growing and will be found of the very highest quality, producing the smoothest and most perfect fruit. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.50.

SUCCESS

Although a little later than **Bonny Best** and **John Baer**, the fruit is larger and like **Stone**, it is of the finest quality for cooking or canning, being much sweeter and more free from acidity than most other kinds. The vines are very vigorous and produce enormous crops of very large, handsome fruit of the best quality. It yields more than any other kind we know of. Where earliness is not especially required this will be found one of the very best tomatoes for home use, canning or market. The fruit ripens earlier than **Stone** but resembles that variety in all other respects. Pkt. 10c; oz. 40c; ¼ lb. \$1.15; lb. \$4.25.

STONE

Harris' Selected Strain. This is certainly one of the very best large late tomatoes for market, home use or canning. There is a good deal of inferior seed of this variety sold, but we have a strain of our own growing that produces magnificent, large, smooth tomatoes, that are of deep scarlet color and very solid, and of fine quality, free from acidity. There is no tomato quite so good for canning. Canned tomatoes made from our strain of **Stone** are sweeter, more "meaty" and of better flavor than when made from any other variety. Where earliness is not especially desired, this tomato will meet all the requirements of the most critical growers. Pkt. 10c; oz. 40c; ¼ lb. \$1.15; lb. \$4.25.

New Dwarf Stone. Plants grow dwarf and stocky, like those of **Dwarf Champion**, and can be set out close together. The fruit is like **Stone**, solid and deep red, and of fine quality. Ripens a little earlier than **Stone**. Pkt. 10c; oz. 40c; ¼ lb. \$1.15; lb. \$4.25.



Harris' Special EXTRA EARLY Earliana Tomato (Photograph)

Earliana.
Harris' Extra Early Strain

We have for years bred up this strain of **Earliana** tomato until we now have it so perfected that it not only ripens earlier than any other kind, but is also much smoother and more regular in size and shape and colors almost perfectly around the stem.

We have had in our trial grounds practically all the early tomatoes that have been offered during the last few years by other seedsmen and have not found one that quite equals our strain of **Earliana** in earliness, smoothness and good color combined.

This tomato is not only very early, but it is also solid, very "meaty" and of exceptionally fine quality.

If you want the earliest tomatoes for the home garden or market, try this special strain of **Earliana**. It will not disappoint you. Pkt. 10c; oz. 45c; ¼ lb. \$1.30; lb. \$4.75.

"Your Earliana and Bonny Best tomatoes are the best on earth. I have tried all kinds."—A. Scott Wood, Winslow, Mass., March 14, 1921.

"Last year our Extra Early Earliana Tomatoes were extra fine. The plants were in excellent condition when received May 8th. We set them in the ground and July 4th had the best ripe tomatoes we ever raised. They continued to produce bountifully until late in the season."—Craft & Co., Crafts, N. Y.

"Your seeds proved to be all you claim for them, but your Earliana Tomato is surely a winner. Our receipts from one-half acre were \$375.00." F. B. Battersby, Vineland, N. J., August 29, 1922.

White Beauty

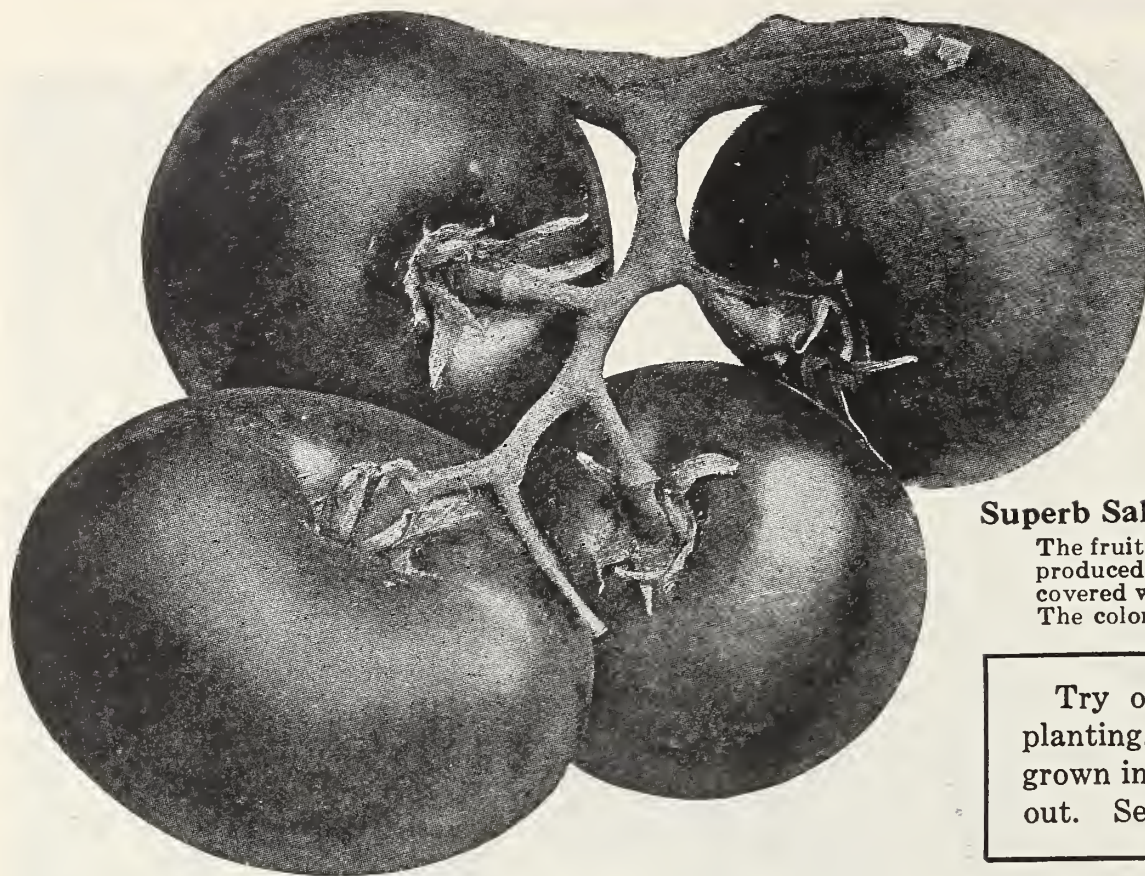
This is a pure white tomato. It is of just as fine quality as the common red varieties and makes a pleasing contrast when served with them. The fruit is of good size, smooth, solid and remarkably sweet. Pkt. 10; oz. 50c.

PEACH

This remarkable tomato so much resembles a highly colored peach that it is easily mistaken for one. It even has the appearance of the bloom of the peach. The fruit is almost perfectly round, from 1½ to 2 in. across, and the color is yellow overlaid with red. The quality is fine. It is a very nice tomato for salads. Pkt. 10c; oz. 60c.



TOMATOES—Continued



JOHN BAER

A grand second early, or main crop Tomato

John Baer

This tomato produces immense crops of large, smooth, handsome tomatoes. The vines are strong and vigorous. The fruit is large and produced in great clusters, and is early enough to ripen the whole crop before frost in a normal season.

The tomatoes are uniformly of good large size, perfectly smooth and regular and of a bright rich scarlet color without any green around the stem. The fruit is very free from cracks and not subject to black rot.

This is one of the best second-early or main crop tomatoes for market and canning.

We find by carefully conducted trials that our strain of John Baer is fully equal to any stock of this variety obtainable and far superior to most of them.

The seed we offer is of our own growing on Moreton Farm and will be found of the very highest quality in every way. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

Chalk's Early Jewel. This tomato is not quite as early as Bonny Best, but is a little larger. The fruit is smooth and regular and of large size, solid and of fine quality. The vines are very prolific, and the fruit ripens medium early. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.75.

Red Cherry. These pretty little tomatoes are very useful for serving whole in salads, for preserves and pickles and also for ornaments. The fruit is about the size of a large cherry and is produced in clusters of a dozen or more. They are bright red and perfectly smooth. The whole cluster ripens at one time. The vines are very vigorous and produce an astonishing quantity of fruit. Pkt. 10c; oz. 40c.

Superb Salad. A beautiful little tomato just the right size to serve whole or sliced in salads. The fruit is perfectly smooth, beautifully colored and is produced in great abundance, the plants being literally covered with fruit. The tomatoes are $1\frac{1}{2}$ to 2 in. across. The color is deep red. Pkt. 10c; oz. 50c.

Try our small tomato plants for transplanting. They are cheap and can easily be grown in boxes or hot-beds until ready to set out. See page 102.



Yellow Plum

Red Pear

Red Cherry

Additional Varieties of Tomatoes

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
PONDEROSA. Very large fruit that is more solid and "meaty" than any other kind, but the tomatoes are usually irregular and not well colored around the stem. The color is pink.....	\$.10	\$.50	\$ 1.35	\$5.25
IMPERIAL. One of the best pink tomatoes. Large, smooth solid fruit, and ripens early.....	.10	.40	.95	3.75
JUNE PINK. Very early pink tomato, resembling the Earliana, except in color.....	.10	.35	.90	3.75
GLOBE. One of Livingston's tomatoes. The fruit is round as an apple and is firm and of fine quality; color deep pink. One of the best tomatoes of this color. We have a very fine strain, producing fruit of the true globe shape.....	.10	.45	1.25	4.50
DWARF CHAMPION. The vines are stocky and do not spread like other kinds. Fruit is of medium size, very smooth and of an attractive pink color. Ripens medium early.....	.08	.30	.85	3.25
Livingston's Beauty. Very fine, large, perfectly smooth, and very handsome tomatoes of a deep pink color. Ripens rather late.....	.10	.40	.95	3.75
Red Pear or Fig. Pear-shaped fruit about one inch in diameter. Sweet and of good flavor and will keep a long time. Wonderfully prolific and useful for preserves.....	.10	.45	....	....
Red Plum. Small plum shaped fruit, deep red and of good quality.....	.10	.45	....	....

YELLOW VARIETIES OF TOMATOES

GOLDEN QUEEN. The best yellow tomato. Large, smooth and of very fine quality, being sweeter than other kinds. The fruit ripens very early and the vines are remarkably prolific.....	.10	.45	....	....
Yellow Plum. Small, plum-shaped, bright fruit; fine for preserves.....	.10	.45	....	....
Ground Cherry, or Husk Tomato. (Also called Strawberry, or Winter Cherry). Small yellow fruit inclosed in a husk. It is of peculiar flavor and is used for preserves.....	.10	.45	....	....

TOMATO PLANTS We can furnish tomato plants of superior quality at very moderate prices. See Plant Department, last pages of this catalogue.

TURNIPS

A packet of seed will sow about 50 feet of row; an ounce 300 feet. It requires from 1½ to 2 pounds of seed per acre in drills, or 1 to 1½ pounds broadcast.

Turnips do best if sown late in the summer. In the northern states the seed of the quick-growing kinds, like Strap-Leaf and Purple-Top White Globe, should be sown about the middle of July or the first of August, and the slower kinds a week or two earlier. Farther south, turnips may be sown later.

The best results are obtained by sowing the seed thinly in drills 20 to 26 inches apart and thinning the plants so they stand 6 to 8 inches apart in the rows. The seed can also be sown broadcast at the rate of about 1 pound per acre. This can be done with a grass seeder if the seed is mixed with about 4 times its bulk of fine sand, corn meal, or any similar substances. Turnips do best on rather light, moist soil and are of superior quality when they grow rapidly on rich land.

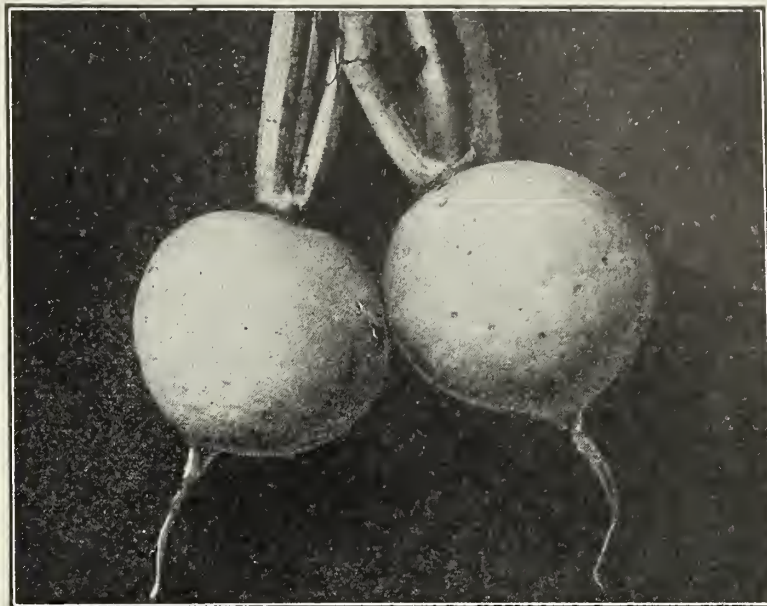
PURPLE-TOP MILAN. This is the earliest variety in cultivation. The bulbs are clear white with purple tops, smooth and flattened, and much resemble the Purple-Top Strap-Leaf, but grow even faster than that variety, and are ready two weeks earlier. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20.

EARLY WHITE MILAN. Same as the Purple-Top Milan except that the turnips are pure white. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.40.

SNOWBALL. A handsome, round, pure white turnip of fine quality. It is perfectly round, snow-white, has small tops and grows very rapidly and often gets very large. One of the best pure white turnips. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

WHITE EGG. An oval or globe-shaped white turnip, with pure white skin and of fine table qualities. It is popular in market and excellent for home use. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

COW HORN. A long white turnip largely used for stock feeding, as it yields very large crops. It is also of first-class quality for table use. It is a rapid grower, and can be sown late. Often sown in corn fields after last cultivating. The turnips grow more than half above the ground and are easily pulled. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 50c; 5 lbs. or more at 45c per lb.



Snowball Turnip

RUTA BAGAS OR SWEDE TURNIPS

The ruta bagas, or Swede turnips, require longer to mature than the common turnips and should be sown earlier. To get heavy crops of large turnips sow the seed June 15 to July 1 in rows 2 to 2½ feet apart. Thin the plants to a foot apart and keep free from weeds. These turnips make excellent winter feed for sheep and should be more largely grown for that purpose.

For table use Ruta Bagas can be sown later and will be of better quality, but not as large as when sown early. These turnips keep well and may be stored in the cellar in moist sand or in pits for use during the winter.

Macomber. A Swede turnip of exceptionally fine quality for table use. See page 14. Pkt. 10c; oz. 30c; ¼ lb. 75c; lb. \$2.75.

Imperial Purple-Top, Long Island Improved. This is a fine strain of yellow purple-top ruta бага, having smooth, handsome bulbs of good quality. The Turnips are almost perfectly round, smooth, and bright yellow, with purple top. Pkt. 5c; oz. 8c; ¼ lb. 10c; lb. 65c; 5 lbs. or more at 60c per lb.

Perfection Selected Swede. A very fine selected strain of yellow purple-top ruta бага. The roots are globe shaped, very smooth and handsome, deep

yellow with purple tops and have practically no "nicks." A heavy yielding ruta бага and one of the very best yellow varieties for market or feeding. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c; 5 lbs. or more at 65c per lb.

BREADSTONE. When well grown this is a fine table turnip. It belongs to the ruta бага or Swede turnip class but is smaller and earlier than the ordinary ruta бага. The turnips are oval in shape with whiteskin and white flesh and small tops. Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.10.

WHITE SWEET OR FRENCH. A globe-shaped white ruta бага with green top, and of excellent quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



Perfection Selected Swede

Purple-Top White Globe Turnip

Yellow Stone. This turnip is of fine quality for table use. It is almost perfectly round or globe-shaped, perfectly smooth, light amber in color and very fine grained, sweet and cooks dry and of mild flavor. Will keep a long time. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Purple-Top Strap-Leaf. The old favorite variety for summer and autumn use. The turnips are flat, clear white, with purple top. They grow very rapidly and are of good quality. Seed sown in July and August produces fine large turnips in the fall. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c.

PURPLE-TOP WHITE GLOBE. Large, pure white, globe-shaped, with purple top. Very handsome, heavy yielder and early. A profitable turnip for market and excellent for table use. This turnip is the same as the Purple Top Strap-Leaf, except that it is globe-shaped instead of flat and requires a little more time to grow. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c; 5 lbs. or more at 50c. per lb.

GOLDEN BALL. A handsome, early yellow turnip, as round as a ball, with smooth, golden yellow skin and fine-grained yellow flesh. An excellent early yellow turnip for table use and market. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 70c.

YELLOW ABERDEEN. A large, globe-shaped yellow turnip with purple top. Fine for use in the fall or early winter, or for stock feeding. A heavy cropper. The seed should be sown the last of June for fall use. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.



TOBACCO

In the North it is best to sow tobacco seed in a hot bed, greenhouse or in a box in the house in March or April and transplant the seedlings once before setting out in the open ground, which should not be done until danger of frost is past. Set the plants in rows 3 1/2 feet apart.

CONNECTICUT SEED LEAF. The most popular variety for the northern states. Very hardy. Pkt. 10c; oz. 40c; 1/4 lb. \$1.00.

YELLOW ORONOKO. A very popular light colored tobacco. Matures early and cures easily and makes a tobacco of fine quality. Pkt. 10c; oz. 50c; 1/4 lb. \$1.50.

HAVANA. The finest Cuban tobacco so famous for cigars. Leaf thin, long and used principally for cigar wrappers. Pkt. 10c; oz. 40c.

AROMATIC AND SWEET HERBS

BASIL. Used for flavoring soups and sauces. Plant about 18 inches high. Pkt. 5c; oz. 18c; 1/4 lb. 40c.

BORAGE. Often used for bee pasture. Sow in the spring in the open ground. Pkt. 10c; oz. 25c; 1/4 lb. 80c.

CARAWAY. Hardy biennial, seeding the second year after sowing. Sow in spring or fall. Very easily grown. Pkt. 5c; oz. 12c; 1/4 lb. 25c.

CORIANDER. The young green leaves are used for flavoring soups, salads, etc. Sow in the spring in the open ground. Pkt. 5c; oz. 10c; 1/4 lb. 25c.

DILL. Used for flavoring cucumber pickles, etc. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 65c.

LAVENDER. Used for its perfume. It is a hardy plant and will last for years. The seed is slow to germinate and people often fail to get it to start. It should be covered very little if at all. Pkt. 10c; oz. 50c.

SWEET MARJORAM. Very valuable for seasoning dressing for poultry, imparting a very agreeable and pleasant flavor. Easily grown from seed sown in the open ground in the spring. The tops of the branches should be picked off while young and tender and dried in bunches for use in the winter. Pkt. 5c; oz. 20c; 1/4 lb. 50c.

ROSEMARY. A perennial that will last for years when once started. Sow in the spring in the open ground where the plants are to remain. Pkt. 10c; oz. 75c.

FENNEL. The leaves are used for flavoring. Easily raised. Pkt. 5c; oz. 12c; 1/4 lb. 30c; lb. \$1.00.

SUMMER SAVORY. Easily grown by sowing seed in the open ground in the spring. Plant grows about 18 in. high with small, narrow leaves, which are dried on the stems and used for seasoning. Pkt. 5c; oz. 20c; 1/4 lb. 50c; lb. \$1.75.

SAGE, Broad-Leaved. When once started will last for years. Should be in every garden. Sow in the open ground and thin the plants to six inches apart. Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$4.00.

THYME. Start the seed in a box in the house or hotbed, or sow in the open ground early in the spring. Do not cover the seed, but press it into the soil. The plant will survive the winter if given a little protection. Pkt. 10c; oz. 60c; 1/4 lb. \$2.00.

WORMWOOD. A hardy perennial plant used in medicine. Grows 2 to 3 feet high and has small yellow flowers. Is often sown for poultry pasture. Pkt. 5c; oz. 18c; 1/4 lb. 60c.

PLANTS

Holt's Mammoth Sage. This variety of sage does not seed, so we can offer only the plants. The leaves grow much larger than the common sage, and are of superior quality. The plants are perfectly hardy and will stand the winter without protection. They make a very large growth, a single plant spreading out two or three feet across. By far the best sage for all purposes. Plants 15c each; \$1.50 per dozen. Weight for mailing 1/4 pound each, 3 lbs. per doz.

SPEARMINT. Every one should have a bed of mint in a corner of the garden. Very easily raised. Plants 10c each; doz. 50c.

CHIVES. Used for flavoring soups, salads, etc. Clumps of bulbs 12c each; doz. \$1.00.

HORTICULTURAL AND FARM BOOKS

These Books Will Be Sent Postpaid At Prices Quoted

A Woman's Hardy Garden. By Helena R. Ely. With illustrations from photographs. Mrs. Ely is a well known authority on hardy plants and this book will prove of great assistance to anyone who wishes to raise this class of hardy plants. Cloth.....	\$2.00
Sweet Peas for Profit. By J. Harrison Dick. A practical guide for raising Sweet Peas under glass and in the open ground for market. 147 pages, illustrated.....	1.75
Muck Crops. By A. E. Wilkinson. About raising vegetable crops on reclaimed swamp land. A valuable book for any one who has muck land. 272 pages, illustrated.....	1.75
Success with Mushrooms. A pamphlet giving concise directions for raising Mushrooms.....	.10
The Home Fruit Grower. By M. G. Kains. Especially written for the amateur who wishes to raise fruit of the highest quality for the home needs. Both tree and small fruits are discussed. Handsomely bound and illustrated. Paper cover \$1.00, cloth.....	1.50
Beginners Guide to Fruit Growing. By F. A. Waugh. Tells every detail about planting and care of fruit trees and small fruit plants. 120 pages, illustrated.....	1.25
Vegetable Gardening. By R. L. Watts. Covers every phase of vegetable gardening and is a valuable guide for the beginner and a great help to the practical grower. 525 pages, illustrated.....	2.50
Strawberry Culturist. By A. S. Fuller. Gives all directions required to raise strawberries successfully.....	.35
Tobacco Culture. Illustrated, paper cover.....	.25
Celery Culture. By W. R. Beattie. A complete guide to celery growing.....	.90
New Rhubarb Culture. By J. E. Morse. Gives methods of forcing as well as field culture. Illustrated, 130 pages.....	.90
Bulbous Plants for the Garden. How to get the best results with bulbs such as Tulips, Hyacinths, Lilies, Gladiolus, etc.....	.25
Plant Propagation, Greenhouse and Nursery Practice. By M. G. Kains. 342 pages, illustrated.....	2.25
Grape Growing and Wine Making. By Geo. Husmann. A complete guide for the grape grower. The chapters on wine making are especially good as the author is one of the most expert wine makers in America. 310 pages, illustrated.....	2.00
Melon Culture. By J. Troop. A good treatise on the melon which is intended to be of interest and value to the amateur as well as the commercial grower. 100 pages, illustrated.....	.85
Making a Garden of Perennials. By W. C. Egan. How to raise hardy perennial flowers.....	.75
Making a Lawn. By Luke J. Doogue, Superintendent of Parks in Boston. Tells how to make a fine lawn and keep it in good condition.	.50
Farm Drainage. By Judge French. Most people on farms ought to know more about draining than they do. This book will help. 384 pages.....	1.00
Farm Grasses of the United States. By W. J. Spellman. Describes and illustrates the best grasses for pasture and hay and tells best methods of seeding, etc. 248 pages.....	1.00

POTATOES

"Pedigree Seed Free from Disease, Better than "Certified"

It is only within the last few years that potato growers have begun to realize that many of the diseases that reduce the yield of potatoes are transmitted by the seed. Some of these diseases do not affect the potatoes themselves but they do affect the vines and greatly reduce the yield. If a person does not recognize the diseases called "leaf roll," "wilt," "curly-dwarf," etc. and keeps planting seed from fields which have not been gone over and the diseased plants pulled out, the chances are that he will not get half the yield that he could under the same conditions if he used seed that was free from these diseases.

It does not pay to raise potatoes that yield only 100 bu. per acre under average conditions. We must get 200 bu. or more. The most effective way to do this is to use disease-free seed of high yielding strains.

PEDIGREE SEED. We mean by this potatoes grown from tubers that came from the best hills in the previous crop. We have been selecting seed in this way for some years, so the stock of most of the varieties we offer has a pedigree running back to the best hills in each crop.

This is going a step further than merely pulling out the poor and diseased hills as is done to get "certified" seed potatoes. The hills that yield the most are, of course, healthy and vigorous. This is the kind of seed we all want to plant.

There is a wonderful difference between the yield from a good hill and a poor one. To get all good hills, we must have seed with a pedigree and as free from disease as possible.

The seed we offer is from fields that have been carefully inspected and any diseased plants removed before they mature. In addition, most of the varieties are from pedigree seed. The exceptions are noted.

Don't use ordinary potatoes for seed. They are usually badly infected with disease germs which are not apparent to the eye but which greatly reduce the yield.

THE PRICES HERE GIVEN are for the potatoes carefully put up for shipment and delivered to freight house or express office without extra charge, but the purchaser is to pay the freight or express charges. The prices are subject to market changes. Please write for prices on large lots.

POTATOES SHIPPED IN SACKS OR BARRELS. We can ship potatoes either in barrels or in sacks. Sacks hold 2½ bu. (150 lbs.). Barrels hold 3 bu. (180 lbs.). The cost of barrels is considerably higher than sacks, so we have to charge a higher rate when the potatoes are to be shipped in barrels.

SHIPPING SEASON. It is usually safe to ship potatoes from here about March 25th. We can ship earlier in paper-lined barrels, if our customers wish us to do so, with little risk, but we will not hold ourselves responsible for loss by freezing if the potatoes are ordered sent earlier than in our judgment it is safe to ship them.

HALF BUSHELS and half pecks will be sent at half the bushel and peck price. We will send two or three different varieties in a barrel without extra charge, but cannot send more than one variety in a sack.

ORDER EARLY. We always run out of some varieties of early potatoes before planting time, so to be sure to get what you want order early. When orders are sent late in the season please mention whether we may substitute some other kind if sold out of the variety wanted. We will book orders at any time and ship the potatoes when safe to do so.

EARLY VARIETIES OF POTATOES

Irish Cobbler. The most popular and largely planted early potato. Round, pure white, extra early and of the best quality. Grows uniformly large, there being fewer small potatoes than in any other early kind. There are a great many potatoes being sold for Irish Cobbler that are not that variety at all. We have some very fine seed of the genuine Irish Cobbler from a crop that yielded over 300 bu. per acre. Grown from pedigree seed. Pk. 75c; bu. \$2.00; sack (150 lbs.) \$4.50; barrel (180 lbs.) \$5.90.

EARLY OHIO. The vines are small and stocky and ripen early so the crop is soon out of the way. The potatoes are oval with blunt ends and have light pink skin and shallow eyes. They grow large and the yield is often heavy for so early a variety. An excellent potato for the market grower as well as for home use. Grown from pedigree seed. Pk. 75c; bu. \$2.10; sack (150 lbs.) \$4.75; barrel (180 lbs.) \$6.25.

SPALDING ROSE. The potatoes are large and rounder than Early Rose and the yield is heavier, but they mature a little later. This is one of the best of the varieties of the Rose class. Price same as Early Rose.

Early Six-Weeks. This is one of the earliest potatoes grown and a good yielder on first class land. This potato is of the Ohio class and resembles that variety very closely. Grown from pedigree seed. Pk. 75c; bu. \$2.10; sack (150 lbs.) \$4.75; barrel (180 lbs.) \$6.25.

Late and Main Crop Potatoes

Golden Rural or Rural Russet. In our experience we have never found a potato that year after year yields as well as this. It is so nearly "blight proof" that it is very rarely attacked by this disease. The vines are of remarkable vigor, the stems often being as large as a man's finger, and the leaves are very deep green. The blossoms and stems are purple.

The potatoes are round, with few and shallow eyes. The skin is of a fine russet tinge and is quite resistant to scab. The quality of the potatoes when cooked is first class.

The potatoes do not grow too large as a rule. There are usually 7 to 9 medium sized tubers in a hill and practically no small ones and very few over size.

The seed we offer was grown on our own farm and on neighboring farms from our own Pedigree seed, and the crops were carefully inspected and pronounced by experts to be practically entirely free from disease. It would hardly be possible to find a plant affected with leaf-roll, wilt, tip-burn or any other disease on an acre. The yield on most of the acreage was very nearly 300 bu. per acre. There can be no better seed than this, and we can most highly recommend it. The price is low this year, and we feel that any grower could much better throw away ordinary seed (if he had to) and buy this high grade stock than to plant potatoes of common varieties from fields that had not been inspected and pronounced free from disease. Pk. 60c; bu. \$1.60; sack (2½ bu.) \$3.50; barrel (3 bu.) \$4.75.

"I have dug a few Early Six-Weeks potatoes and they are fine. One hill of six quarts, another had ten large fine potatoes and ten about like hen's eggs. They will grow more yet."—Leo B. Pearsall.

Bliss' Triumph. The earliest variety known. This is the "Bermuda potato" sold so largely in our city markets during the early spring. The potatoes are almost perfectly round with rather deep eyes and the color is deep pink. Yields well and matures so early that it is very desirable either for the home garden or market. We have some fine seed although not grown from pedigree stock. Pk. 75c; bu. \$2.00; sack \$4.50; barrel (3 bu.) \$5.90.

EARLY ROSE. The old standard early potato. Tubers medium long, light red, and of fine table qualities. A heavy yielder, but not as early as some of the newer kinds. Not pedigree seed and not entirely disease-free though very good stock. Pk. 75c; bu. \$1.60; sack \$3.75; barrel (3 bu.) \$5.00.



Golden Rural or Rural Russet



Heavy Weight Potato

Heavy Weight. This and the Number Nine which it closely resembles have proved to be among the first three or four varieties in respect to yield in Western New York. There are certainly very few varieties equal to these two for all soils and in all seasons whether wet or dry.

The potatoes are round to oblong, have fairly numerous medium shallow eyes, purple sprouts, and smooth white skin. The vines are rather stocky and very vigorous and resistant to disease.

The seed we offer was grown from Pedigree seed and the fields were carefully inspected and the very few suspicious looking plants were removed so that it is as free from disease as any seed can be. **Pk. 60c; bu. \$1.50; sack, (2½ bu.) \$3.50.**

SMALL QUANTITIES FOR TRIAL

We can furnish small quantities of any of the varieties of potatoes described on these pages for 20c per lb., 3 lbs. of one variety, 40c.

Green Mountain. Those who want to raise potatoes of really fine table qualities should plant the Green Mountain. We know of no potato of finer quality. The tubers are round, flattened, white, smooth and have few shallow eyes and a slightly russet or netted skin which usually goes with fine quality. Matures medium late and yields immense crops where it does well. We offer very choice seed grown from certified stock practically disease-free. **Pk. 65c; bu. \$1.60; sack \$3.75; barrel (3 bu.) \$5.00.**

"I wish to say that the Green Mountain Potatoes which we ordered of you last spring were wonderful. We never had such fine ones before."—Geo. V. Bates, Mamaroneck, N. Y.

DON'T USE ORDINARY POTATOES

There is a wonderful difference between the crops obtained from high-grade seed potatoes free from disease, and from common potatoes used for seed. The increase from the use of good seed is often over 100 bu. per acre. The cost for seed may be \$8.00 or \$10.00 per acre more, but that is nothing compared with the greater value of the crop.

Number Nine. This potato so nearly resembles the Heavy Weight that what is said of one variety will apply to the other equally well. This is a popular variety and has produced some of the largest yields in this locality. The vines are strong, vigorous, and disease resistant, and usually remain green until frost. The seed we offer was grown on a field that was thoroughly inspected and certified as practically free from disease. It is seed that may be relied on to produce the best possible crops. **Pk. 60c; bu. \$1.50; sack \$3.50.**



Green Mountain



Sport Potato

Sport. A year or two ago a potato appeared in this neighborhood called "Sport". The vines grew with wonderful vigor and stood green and healthy until frost, while other kinds (Sir Walter Raleigh and Carman) in the same field blighted and died weeks before. Under these conditions the Sports yielded more than double what the other kinds produced. The potatoes are round to oblong, pure white, medium shallow eyes, and are of good quality.

Any one who is troubled with potatoes blighting would do well to try this new kind. We are sure it will prove a profitable investment.

Seed from a carefully inspected field and is practically free from any disease. **Pk. 60c; bu. \$1.50; sack \$3.50.**

FARM AND FIELD SEEDS



Pure, High Quality Seeds. There is a great difference between the crops raised from really high grade seed Corn, Oats, Barley, etc., and those raised on farms where anything is good enough for seed.

It pays to get every extra bushel possible. It is the extra bushels that bring the profit. The seed is not the only thing that effects the yield, but if really high class seed of the right variety is used it goes a long way towards making a big crop. Certainly the largest yields cannot be made without such seed.

We are constantly trying new kinds and improving old ones and we are now in a position to furnish some very fine stocks of corn, oats, etc., that are far superior to ordinary seed.

Prices. The prices here quoted are for the seeds very thoroughly cleaned with up-to-date power cleaning machines, and put up in bags for which we make no charge, (except where noted.)

BARLEY

There is no cheaper or better feed than barley for hogs, cattle and horses. It can be raised at much less expense and labor than corn and is of equal food value. An acre of barley will often produce nearly as much as an acre of corn and the expense of raising it is less than half.

Sow very early on good land after corn or potatoes. Fertilize if the land is not rich.

Wisconsin Pedigree This is a "thoroughbred" strain of Odebrucker six-rowed barley bred up at the Wisconsin Experiment Station by selecting the best plants and saving seed from them. The result of this careful breeding is that the barley produces uniformly large, well-filled heads on strong, vigorous plants and therefore yields much more than the common kinds. The grain is large, plump and heavy. We offer some very fine seed grown direct from pedigree stock. It will certainly pay barley growers to use this improved variety. **Pk. 60c; bu. (48 lbs.) \$2.10; bag (2 bu.) \$4.00; 10 bu. or more \$1.85 per bu.**

SPRING RYE

This variety of rye will produce fairly good crops when sown in the spring. In some seasons the yield is equal to winter rye, but as a rule winter rye yields better. The straw is similar to winter rye but the heads are not quite as large. **Peck 75c; bu. (56 lbs.) \$2.50; 2 bu. at \$2.40 per bu.**

SPRING WHEAT

Spring wheat can be raised anywhere in the northeastern states as well as in the West. Sow as early as possible using 2 bushels of seed per acre.

MARQUIS. A very early beardless wheat that succeeds well in the East, producing larger yields than any other kind. This is due to its earliness and freedom from rust. **Pk. \$1.10; bu. \$2.75; 2 bu. or more at \$2.50 per bu.**

Prices for Farm Seeds vary according to the market. When a considerable quantity is wanted, it would be well to write us for prices stating about the quantities and kinds required.

BUCKWHEAT

Buckwheat is easily raised and will make profitable crops on rather poor land, where other grain would fail. It is also largely used as a cover crop in orchards. Sow in June or July, using 3 pecks to 1 bushel of seed to the acre.

JAPANESE. We have some very fine seed of the true Japanese variety which is hard to get. The kernels are very large, dark brown or black, and are plump and heavy. Most of the so-called Japanese buckwheat that is sold is badly mixed with the common gray variety and the kernels are more or less gray and much smaller than the true Japanese. The plant makes a strong growth and the yield is often very heavy. Ripens a little later than the Silver Hull. Sample will be sent if requested. **Pk. 60c; bu. (48 lbs.) \$2.15; bag (2 bu.) \$4.00.** Any greater quantity \$1.90 per bu.

SILVER HULL. The kernels are gray and are much smaller than the Japanese variety. They are very plump and heavy and make excellent flour. Yields large crops and is considered by many growers the most profitable kind to raise. **Pk. 60c; bu. \$2.10; bag (2 bu.) \$3.90.** Any greater quantity \$1.85 per bu.

SPELTZ OR EMMER

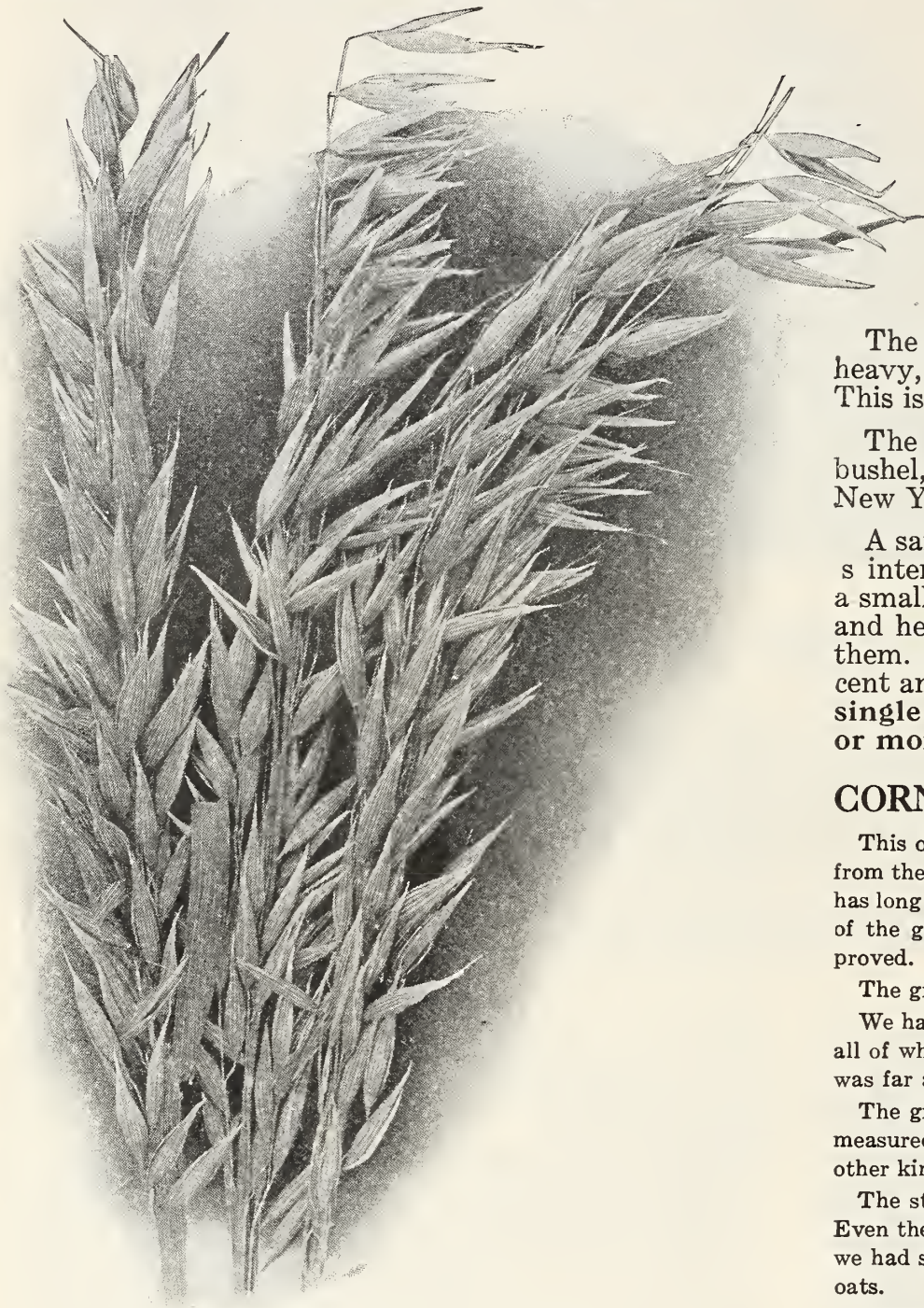
A Russian grain that has become quite popular in the West for feeding purposes. It resembles barley somewhat and is grown in the same way. Its principal value is for poor, dry land where oats or wheat would not give a profitable crop. It will grow and produce a crop on land that is so poor and dry that oats or barley would fail entirely.

It yields more bushels per acre than either oats or barley under the same conditions. It is often mixed with oats and helps to make a larger yield. It should be ground before feeding. Sow 2 1/2 bushels per acre, the same way as you would oats or barley. **Pk. 50c; bu. (40 lbs.) \$1.60; 2 bu. or more at \$1.50 per bu.** Special prices will be quoted on large lots at any time.



OATS

There is nothing more important than good seed oats of the best varieties. No one can expect to raise good crops from poor, light seed. It pays well to use only high grade seed of the best varieties. Very little oats raised the past season was heavy enough to make good seed.



Garton's Abundance Oats

IOWA PEDIGREE OATS No. 103

The Earliest Oats Grown

A very early variety of white oats which originated at the Iowa Experiment Station a few years ago. It has been found to yield 15 to 20 bu. more per acre than most other kinds. The great advantage of this oats, however, is the fact that it is much earlier than other kinds and the straw is very stiff so it holds up well even on very rich land. The heads are of the branching type and quite long. The grain is white, heavy and has thin hulls. In Wisconsin these oats have yielded as high as 118 bu. per acre.

These oats mature 10 days to two weeks earlier than most other varieties. On this account and because they do not lodge, this is an excellent variety with which to seed grass, clover, or alfalfa. The straw is a little shorter than most other varieties, so makes it an ideal nurse crop. Pk. 50c; single bu. \$1.30; bag of 2 bu. (64 lbs.) \$2.40; Any greater quantity \$2.30 per bag.

Our seed oats are treated with formaldehyde before sowing to prevent smut. The crops, therefore, are practically free from disease and the seed we sell does not need to be treated. All oats not free from smut should be treated. (For formaldehyde see page 104.)

GARTON'S ABUNDANCE OATS

These oats are largely grown in the Northwest where there is little rain and are considered "drought proof."

The straw is unusually strong, of medium height and does not lodge. The heads are long, clustered and often contain 150 kernels. It is consequently one of the heaviest yielding oats grown.

The grain is pure white, very plump and remarkably heavy, the "meat" being large and the hulls quite thin. This is not a "side" oat.

The seed we offer weighs 40 lbs. to the measured bushel, which is a remarkable weight for oats raised in New York State.

A sample of these oats will be sent free to any one who is interested in good oats. The seed we have contains a small quantity of barley, which owing to the large size and heavy weight of the oats cannot be separated from them. The quantity of barley does not exceed one per cent and of course does no real harm. Price: Peck 60c; single bu. \$1.75; bag of 2 bu. (64 lbs.) \$3.30. 10 bu. or more \$1.60 per bu.

CORNELL PEDIGREE OATS—"Comewell"

This oats was produced at Cornell Agricultural College by breeding from the best plants selected from the well-known Welcome oats which has long been one of the best varieties. By careful breeding the weight of the grain, the yield, and stiffness of straw have been greatly improved.

The grain is large, quite plump and heavy, and has very thin hulls.

We had several fields of these oats grown for us in this neighborhood all of which yielded well, producing from 65 to 80 bu. per acre. This was far above the general yield of other kinds of oats in this locality.

The grain from these several fields weighs from 37 to 39 lbs. to the measured bushel, which is about 5 lbs. above the general average of other kinds grown here.

The straw is quite stiff and holds the large heads of grain up well. Even the field that yielded 80 bu. per acre stood up perfectly, although we had some very heavy rain storms that flattened out many fields of oats.

The heads are of the branching or "tree" type and contain a large number of kernels.

Any one who wants really first class plump white oats that are of the best quality for feeding or making oat meal will do well to raise the "Comewell." We know of no better variety. We have tried many of the heavy grained foreign varieties, but they do not do well in our climate.

The seed we offer is pure and free from any weed seeds. Peck 50c; bu. \$1.30; bag of 2 bu. (64 lbs.) \$2.50. Any greater quantity in even bag lots \$2.40 per bag or \$1.20 per bu.

CHAMPION HEAVY WEIGHT OATS

These oats were the only kind raised here in 1921 that came up to standard weight. It was a very dry season and all oats were very light except the Champion which turned out plump and heavy. The oats are white, medium short, plump and heavy, with fairly thin hulls. The heads are branching but somewhat clustered and the straw is stiff and strong.

The oats this year weigh 38 lbs. to the measured bushel and will produce a crop of the very finest quality. The yield the past season was much higher than common varieties grown under the same conditions. We should be glad to send sample to any one interested. Pk. 50c; single bu. \$1.30; bag of 2 bu. (64 lbs.) \$2.40. Any greater quantity \$2.30 per bag.

SEED CORN—Northern Grown

Dried Under Heat—Strong Vitality—Thoroughbred Strains of the Best Varieties.

YIELD FROM PEDIGREE SEED. It is a well known fact that seed corn from the best ears and the highest yielding plants will produce much larger crops than the same variety not so well selected. When the selection or "breeding" is continued for a number of years on the same lines without a break the results are still more noticeable. This is what we call Pedigree seed. It has a pedigree going back a good many generations. The longer the pedigree, provided it is a good one, the truer will the ears conform to the right type and the higher the yield of good corn.

We have taken the greatest pains for many years with our seed corn to breed up uniform and high yielding strains. Merely picking out the best ears from a crop that is not uniform does little good unless the selection is continued for a good many years on the same lines.

THE PRICE OF GOOD SEED. Any thinking person must know that if seed corn is sold at a low price per bushel, it must be the general run of the crop instead of the very best ears only. No one could possibly select out the choicest ears, properly cure them and put the seed up in bags and sell it at about the market price for feeding corn.

It only requires a peck of corn to plant an acre. A grower could much better afford to pay two dollars for a peck of really good pedigree seed corn than to take ordinary corn as a gift.

NORTHERN GROWN. The corn we offer for seed (except a few late varieties of Dent corn) is all grown right here in New York State, near Lake Ontario, where the summers are short and cool, and consequently all the varieties must be early and will mature anywhere in the county where corn can be raised at all.

TESTED FOR GERMINATION. Before sending off any seed corn we make thorough tests to ascertain its vitality, and we mark the percentage that germinates on the label so that the purchaser will know just how many kernels out of 100 will grow. We should be glad to give the results of our tests at any time during the winter or spring to anyone interested.

DAVIS' IMPROVED EARLY HURON CORN

The earliest Dent Corn Grown

A Grand Variety for New York and New England

It is a well-known fact that the Western Dent corn yields more bushels of shelled corn per acre than the Eastern "State" or Flint corn. Western or Southern grown seed, however, does not produce corn that ripens well in the north. When seed grown in New York State is used, and the variety is a good one, Dent corn will mature perfectly and produce big yields of nice sound corn.

Get Seed Raised in the North. Do not confuse this corn with the ordinary "Early Huron" corn that is commonly grown in Ohio and further West — **Davis' Improved** ripens two weeks earlier. The seed has been raised in this neighborhood (Western New York near Lake Ontario) for many years. It always gets ripe. The seasons are short here and any corn that is not extremely early will not mature.

We guarantee every bushel of this corn that we offer was raised in Western New York. It is perfectly safe to plant it any where in New York State and New England, except in the extreme northern parts. It is also excellent for Michigan, Wisconsin, and other northern parts of the country where ordinary dent corn will not mature.

It yielded 87 bu. of shelled corn per acre at the Connecticut Experiment Station.

The ears are of medium length, 8 to 9 inches long, and have 14 to 16 rows of deep well-formed kernels. The cob is small and dries out quickly, and the ears break off easily when husked. The ears are very compact and heavy. Two bushel crates of ears will produce nearly 1½ bushels of shelled corn. The stalks grow 7 to 8 feet tall and make good fodder.

For the Silo This is a very fine corn for the silo in the north. It is so early that thoroughly matured grain can be produced before danger from frost, even in the most northern parts of the country.

For those who want to raise large crops of corn that will get ripe early in September we recommend this variety. Last season this corn planted May 15th was ripe and ready to cut September 1st. We offer pedigree seed of the highest quality. Qt. 25c; peck \$1.00; bu. \$3.75. Ears carefully selected, 10 lbs. 70c; 50 lbs. or more 6c per lb. 70 lbs. of ears will make a bushel of shelled corn.



Davis' Improved Early Huron Corn

"I got some seed corn of you last year and it was the best that was ever raised in this section. I got first prize on it." John Schneider, Chautauqua County, New York.

"I wish to say that the King Philip corn seed received from you last spring proved a wonder. Every hill responded. Had one to four ears to a stalk. Many ears measured 13 inches by foot rule." Wm. McLaughlin, Columbia County, New York.



CORNELL No. 11 PEDIGREE DENT CORN

This is an early Yellow Dent corn that has been bred up at the Cornell Agricultural Experiment Station.

It is quite similar to Davis' Early Huron but is not quite so early and the ears and stalks are both a little larger.

It has proved to be one of the heaviest yielding varieties both for grain and ensilage that is early enough to mature in an average season in the northern states.

Planted the middle of May last year the corn was ready to cut the 10th of September. Two crops raised for us in this neighborhood produced heavy yields of magnificent ears that were hard and perfectly dry when husked in October and November.

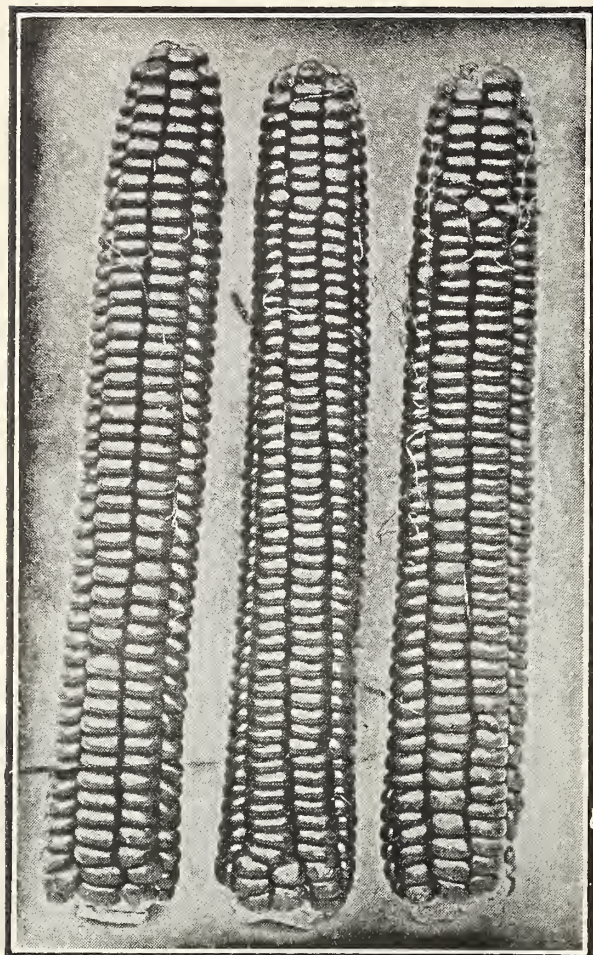
The ears are of good length, 9 to 10 inches long, and have 14 to 18 rows and very small cobs. The kernels are bright yellow, large, and very "deep" for so early a variety. The cob is red.

The stalks grow 8 ft. tall and have an abundance of leaves.

For Western and Northern New York, Massachusetts and further north, the Cornell No. 11 is especially valuable for ensilage. It matures early enough for this purpose and yields immense crops of very rich fodder with abundance of grain.

For Connecticut, southern New York, Pennsylvania, Ohio and southern Michigan this is one of the best varieties for grain as well as for the silo. While it ripens well in Western New York as a rule yet it is not as safe a variety to plant as Davis' Early Huron or some of the Flint varieties.

The seed we offer is of very high quality and true to name. Qt. 25c; pk. \$1.00; bu. \$3.50.



Harris Mammoth Yellow Flint Corn

Those who want really fine yellow Flint or "State" corn will find this variety one of the very best. The ears are big, the kernels large and the yield equal, if not greater, than any Flint corn grown.

FOR THE SILO. In the extreme northern points of the country where the large dent varieties will not mature, Harris' Mammoth Yellow Flint has proved to be one of the best corns for ensilage. It is so early that the corn matures even in northern Maine and the stalks are very leafy and large enough to produce a good tonage per acre.

Mr. F. J. Nutter, Manager of the Farmers' Union, Corinna, Maine writes April 9, 1921.

"Last year Harris' Mammoth Yellow Flint planted in this locality beside six other varieties proved the best for ensilage."

Shelled corn from carefully selected ears, all grown here in Monroe County, N. Y. Qt. 25c; Pk. \$1.00; bu. \$3.50. Ears, carefully selected, 10 lbs. 70c; any greater quantity 6c per lb.

One of our customers writes:

"I raised 491 bushels of corn from 2 1/2 acres last year. I bought the seed of you last spring. It was Harris' Mammoth Yellow Flint. About one acre of the field turned 2 crates to 36 hills. (This is 242 bu. per acre.) I left from 4 to 6 stalks to the hill. The rows were 3 feet four inches each way. You couldn't get that yield of corn thinned to 3 or 4 stalks."

"SMUT-NOSE" YELLOW FLINT CORN

A very early strain of 8-rowed Yellow Dent corn that is a safe corn to raise in the extreme north and other places where the seasons are short. It is not quite as large but a week earlier than Harris' Mammoth Yellow Flint.

The ears are large, being often over a foot long and are filled right out to the tip. The kernels are of medium size, heavy and of high feeding value.

The color of the corn is deep yellow with a tinge of red on the tips of the ears.

The stalks grow about 6 feet high and are not coarse and make the finest kind of fodder.

This corn ripens as early as any kind of corn we know of. Much earlier than what some untruthful dealers call "80-day corn." Qt. 25c; pk. \$1.10; bu. \$4.00.

Mr. Edward Bennett of Vermont writes January 13, 1921.

"The Smut-Nose Yellow Flint corn I bought of you last year was a fine crop. I only had two acres and sold 178 bu. of ears just as husked at auction for 90c per bu. in the field. The King Philip corn was good, but the Smut-Nose was best. There were plenty of ears 16 to 18 inches long which we had to break before we could get them in the baskets."

EARLY "RED GLAZE" OR KING PHILIP CORN

A very early Flint or "State" corn that always matures, even in the most northern parts of the country.

The ears grow 9 to 10 inches long, 8-rowed, very small cob and are well filled to the tips. The color is red.

The great value of this corn for the North lies in the fact that it will mature perfectly in any season, no matter how unfavorable. It was the only corn that matured perfectly in this neighborhood in the very cool summers of 1907 and 1917. The stalks grow about 7 feet tall and are not coarse and make the best of fodder. We now have a carefully bred strain of this corn with larger kernels than is usual with this variety. This corn always

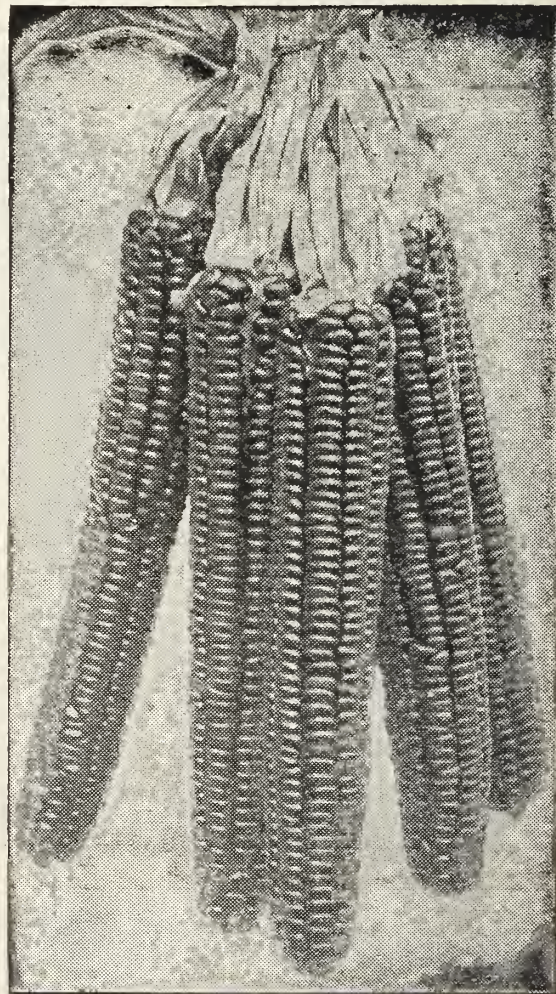
"Our Cornell No. 11 Corn is by far the best corn we have ever grown. Several farmers, more experienced than we are, tell us it is the finest corn they have ever seen."—C. W. Hastings, Homer, N. Y., Sept. 14, 1921.

"Last year I planted about an acre of Cornell No. 11 and it was the best corn I had—bag fodder and such ears! I picked off many bushels for the hogs before silo-filling time. In pitching out the ensilage it is hard pitching, so much corn it sticks on the fork tines."—Frank H. Wilcox, East Brookfield, Vt.

HARRIS' MAMMOTH YELLOW FLINT CORN

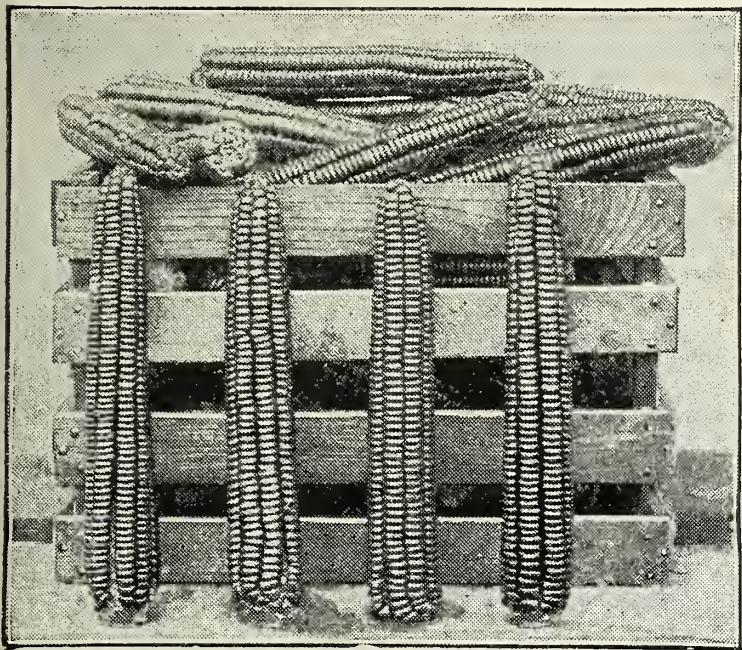
A very fine, large, yellow Flint or "State" corn. The ears grow very long, some measuring 13 inches and more, and have eight rows of large, bright yellow kernels and are filled right out to the tips.

The cob is small, the stalks grow about 7 to 8 feet tall and have numerous broad leaves and make excellent fodder. The ears are produced well above the ground, so the stalks can be readily cut with a binder. Many stalks have two good large ears if not planted too thick. This corn will ripen ready to cut in 90 days from the time the corn comes up.



Early "Red Glaze" Corn (Photograph)

EARLY "RED GLAZE" OR KING PHILIP CORN—Continued



Hall's Gold Nugget Corn

Photograph of a standard bushel crate, 13 inches high.

gets ripe, and on this account often produces much larger crops of good sound corn than larger and later kinds which fail to mature under unfavorable conditions. Shelled corn from choice ears. Qt. 20c; Pk. 85c; bu. \$3.25.

"The 2 qts. of Early Red Glaze corn I bought of you last year yielded 24 bu. of ears. The growth of stalks averaged 10 ft. while some were 11 ft. It was a great sight to the community."

Jackson Ecker, Saratoga Co., N. Y.,

"I bought several varieties of seed corn last year and your Early Red Glaze proved to be the best of them all. I tried some of Henderson's 'Ninety Day' corn and it never came to maturity.

Some dealers' word on seed cannot be depended upon. Everything I bought of you proved to be just as recommended."

C. R. Adams, Corning, N. Y.

HALL'S GOLDEN NUGGET The Largest Flint Corn Grown

The ears are often 12 to 13 inches long and over 6 inches around and weigh over a pound. The kernels are simply immense, being twice as large as most other varieties. To those who are accustomed to raising the ordinary yellow "state" corn with small kernels, these immense ears are astonishing. The kernels are so large that an ear, having as it does only eight rows, is twice as large around as common eight-rowed corn and usually much longer. Two of these big ears are often produced on one stalk. It is no more trouble to husk, handle and shell a big ear than a small one and you get twice as much corn from the ear.

This is a corn for the man who has good land and is prepared to give it good culture. It will respond to good treatment and produce immense yields. For only average land some smaller and earlier corn would be better.

EARLINESS. This corn matures medium early and is suitable for almost any section of the country except the northern parts of New York and New England and a few places of high elevation. In most of New York State, Massachusetts, and all places south and west of these states the Gold Nugget Corn will mature perfectly in a normal season and produce immense yields on good rich soil.

Under ordinary field culture we have raised 1,140 bushels of ears on 6 acres, or 190 bushels per acre, equal to 95 bushels shelled corn. The stalks grow 7 to 9 feet high and are well covered with leaves. Many produce two large ears. The fodder is of excellent quality and the quantity produced is very large.

A grand variety for ensilage. Will produce more grain than any other variety we know of. See remarks under "The Best Corn for the Silo," on next page.

Price: Shelled corn from the very best ears. Qt. 30c; pk. \$1.25; bu. \$4.50. Ears, 10 lbs. or more, 10c per lb.

For Ensilage in the North. Mr. John C. Anderson, Bethel, Maine, writes:

"One of my neighbors said he never saw such fine ensilage corn as I had last year grown from Hall's Gold Nugget seed purchased of you. Another said it was a pity to cut such nice big well matured ears into the silo."

EARLY MICHIGAN WHITE CAP CORN

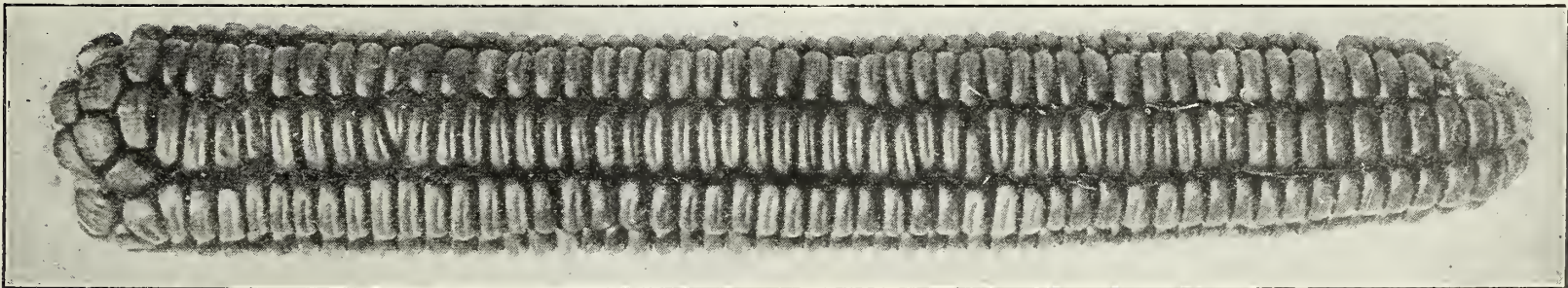
This we think is the biggest Dent corn that matures perfectly in Western New York every season. The ears average 9 to 10 inches long and 6 inches around. The corn is light yellow with a white tip or cap, and the kernels are of good size.

Many large corn growers think the Michigan White Cap gives them bigger yields both of grain and fodder than any other corn they can raise. We are pleased therefore, to be able now to offer a very fine strain of this corn that has been carefully bred to a uniform type, very early and an immense yielder.

Many growers in this locality have given up raising the "State" or Flint varieties and are now using either Davis' Early Huron or Michigan White Cap, thus getting much larger yields of both grain and fodder. The White Cap seems to do better on rather poor soil than any other kind.

We highly recommend this corn for land of medium quality both for the silo and for husking. The corn will mature perfectly anywhere except the northern parts of New England.

The seed we offer was grown right here in Monroe County, New York, and is of exceptionally high quality. Pk. 75c; bu. \$3.25; 2 bu. or more \$3.00 per bu.; ears 10 lbs. or more 6c; per lb.



Luce's Favorite Corn

One of the best varieties for ensilage in the Northern part of the country. See description and prices on next page.

For The Eastern States

More failures with corn are due to using Western or Southern grown seed in the Eastern states than people generally imagine. Western grown seed almost invariably matures too late when planted in New York or New England. Seed purchased of Eastern dealers very often grown in the West as it can be procured at much lower prices than Eastern grown corn.

The corn we offer, except two or three late varieties for ensilage, is all grown in Western New York. In comparing prices be sure that you are offered Eastern grown seed.



THE BEST CORN FOR THE SILO

There is no "best" corn for ensilage for all places. The best kind for a given locality is the variety that will produce the most matured grain and the largest yield of stalks and ripen early enough to be out of danger from frost before the date it is apt to occur.

Late kinds yield the most, so should be used where the seasons are long. As we go north, earlier kinds must be used, although the yield is not quite as large. All well informed dairymen know that they must have well matured corn to go into the silo if they expect to get a good yield of milk from their cows. They should choose the kind of corn which they think is early enough to get practically ripe in their locality

There is a great difference of opinion in regard to different varieties of corn, due largely to the fact that different strains of the same variety do not mature at the same time. Leaming corn, for instance, grown in northern Ohio will mature a week or 10 days earlier than Leaming grown in Nebraska. The locality where the seed is grown is very important, especially for the northern parts of the country.

Many people buy seed corn for ensilage of the local dealer who has no means of testing it and who buys it where he can get it at the lowest price, regardless of where it was grown. Varieties are usually badly mixed and the date of maturity is uncertain, while a good many find after



Filling a Silo at Moreton Farm

planting the corn that it is of poor vitality, resulting in a thin stand and a small yield.

It may cost a little more to get Harris' seed corn, but when you get it you can depend on it coming up and producing the kind of corn you ordered.

Every lot of corn we sell is tested for germination, and the result of the test is marked on the label, so there is no guess work about it.

VARIETIES BEST SUITED FOR ENSILAGE

Hall's Gold Nugget. A grand variety for places where corn cannot be planted before May 25th to June 1st and must be mature by the middle of September. The ears are so large that the percentage of grain in the ensilage is very high. The stalks make a heavy growth and often produce two big ears. In the northern parts of the country where the large late varieties of Dent corn will not mature, Gold Nugget will produce more actual food per acre than any variety we know of.

The stalks grow 7 to 8 ft. high and are covered with large, deep green leaves. The ears are immense. See also page 53.

PRICE OF GOLD NUGGET FOR ENSILAGE. We can furnish good, sound corn of almost perfect germination (95 per cent or better) that is suitable for this purpose at the following prices. This corn is from ears not quite up to our standard in size and shape for our best selected grade, but they are all good large sound ears. Per bu. \$3.25; bag of 2 bu. \$6.00. For best selected grade, see page 53.

"I have ordered Gold Nugget corn from you three years and have had the best ensilage I ever raised. It has been all good seed and about every kernel grew." — A. M. Davis, Norwich, N. Y.

"The Gold Nugget corn I got of you last year was the best corn I ever raised. Filled my silo and refilled, and husked 250 bushels of ears." — A. J. Richtmyer, Chenango Co., N. Y.

Luce's Favorite. This corn has proved to be one of the very best ensilage corns for New York and New England.

The stalks are tall, often 8 to 10 feet high, and very leafy. The ears are long and have 8 rows of very large kernels.

This is a half-Dent corn, being a cross between a Flint corn and some large Dent variety. It has the leafy stalks, long ears and early maturity of the Flint, and the tall, vigorous stalks of the Dent.

We are able to offer this year some fine pedigree stock of this popular corn, grown in New York State, that is as fine a strain as can be obtained anywhere.

This corn is thoroughly cured and germinates 98 to 100 per cent. Peck 75c; bu. \$2.75; bag of 2 bu. \$5.00.

Please write for price on larger lots when ready to buy.

Early Michigan White Cap. We regard this as one of the very best kinds for the northern parts of the country. It is the biggest very early corn we know of. It is early enough to mature in the extreme northern counties of New York State and northern New England. See description and price on page 53.

LEAMING. Improved Early Strain. Our improved early strain grown in northern Ohio matures a week earlier than corn grown in Iowa and Nebraska and is much better for the eastern states. This strain of Leaming will ripen the ears dry and hard in western New York in a favorable season. It is one of the most popular kinds for ensilage in this locality and farther south. Peck 65c; bu. \$2.25; 2 bu. bag \$4.00.

White Cap Yellow Dent. One of the very best varieties. The stalks grow a little larger than Leaming and the corn matures fully as early. We highly recommend this corn for ensilage. It is the kind we use to fill our own silo. The seed we offer is high grade and of the strongest vitality. Peck 65c; bu. \$2.40; 2 bu. \$4.25. Larger quantities \$2.00 per bu.

PRIDE OF THE NORTH. Makes medium size stalks and ears, and matures later than Gold Nugget, and a few days earlier than Leaming, but the stalks and ears are not so large. There are other much better varieties. Bu. \$2.25; bag of 2 bu. \$4.00.

Eureka. The stalks grow very tall and produce wonderful crops of fodder, but it is so late that often no ears at all are produced when grown in the North. If a man wants to fill his silo with stalks the Eureka will do it, but there will be no matured grain in the ensilage unless grown south of New York. We offer some true seed grown in Virginia. Peck \$1.85; bu. \$3.50; 2 bu. bag \$6.50.

Evergreen Sweet Corn for Fodder. Sweet corn makes the finest kind of fodder and it is rich in sugar and so tender that cattle eat it up clean. There is no corn that produces such excellent fodder. There is little or no waste in feeding it and the crop produced is as large as from field corn which makes fodder of much inferior quality. The seed we offer is genuine Evergreen Sweet Corn and is of good strong germination. Peck 75c; bu. (40 lbs.) \$2.50; 2 bu. \$4.50.

SEEDS OF FORAGE CROPS, ETC.

There are many plants suitable for forage and soiling that ought to be better known than they are. They are of great value both for stock feeding and improving worn-out soil.

All prices quoted here are subject to market changes. We shall be glad to quote prices by letter on any seeds required.

SOY OR SOJA BEANS

The Soy bean is a most valuable plant for feeding stock. The vines can be cut and used as hay or they may be left until the beans are ripe and fed without threshing. A good variety will yield 2 or three tons of hay and 20 bushels of grain per acre, and the cost of raising the crop is very small. The seed is usually drilled in rows about 28 inches apart and the crop cultivated two or three times before the vines cover the ground. Sown in this way it requires about $\frac{3}{4}$ bushel of seed per acre. The crop can be cut with a mower and handled like clover or alfalfa. Both the hay and grain make most excellent food for cattle, sheep and horses; cows give more milk and sheep fatten better on Soy bean hay than any other kind.

FOR THE SILO. It has been found that Soy beans cut as soon as the beans mature and mixed with corn fodder make very rich ensilage, far superior to corn alone, as the Soy bean contains a high percentage of protein which is lacking in corn. The beans can be sown with corn and cut the same time. We use 3 qts. of Soy beans and 8 to 10 qts. of corn per acre.

FOR PLOWING UNDER. A crop of Soy beans plowed under in the fall adds a large amount of fertility to the soil, both in the way of nitrogen and humus. This bean is now being largely used for this purpose to restore worn-out soil. Sow in drills 15 to 20 inches apart, using 1 bushel of seed per acre.

For full information about Soy beans, culture, etc., write to the U. S. Department of Agriculture, Washington, D. C., for Farmers Bulletin No. 372 (Free).

Wilson Soy Bean. An early variety that is well suited to the northern states for either seed production hay, or ensilage. The plants are 3 to 4 ft. tall and grow upright with few branches near the ground. This is an important consideration when sown with corn for the silo. The foliage is heavy and the yield of seed above most other kinds. Its fine stems make it desirable for hay. The color of the seed is black. Qt. 25c; pk. \$1.10; bu. \$4.00. Please write us for price on larger lots.

Medium Early Green. A popular variety; yields heavy crops of both foliage and grain. The plant grows 3 to 4 ft. tall with strong stems and heavy, deep green foliage. The leaves do not drop off as quickly as some varieties. The beans mature about the same time as corn. Qt. 25c; pk. \$1.25; bu. \$4.50. Price subject to change. Price will be quoted by letter any time.

Mammoth Yellow. This variety will not mature seed in the North, but makes a large growth of forage and is used for hay and to plow under to improve the soil. Qt. 25c; pk. \$1.00; bu. \$3.50. Price subject to change.

COW PEAS

This is really a bean and is used for both hay and plowing under.

WHIPPOORWILL. The most popular variety. It grows very rapidly and matures early so is valuable for the North. The vines are of upright growth and are not coarse so make excellent hay. The seed should be sown in June and the crop can be cut in August. Use about 1 bushel of seed per acre in drills 28 inches apart. For hay or plowing under they are often sown broadcast using $1\frac{1}{2}$ bushel per acre. Do not get these confused with Canada Field Peas which are sometimes called "Cow Peas." Qt. 25c; pk. \$1.40; bu. \$4.00. Price subject to change.

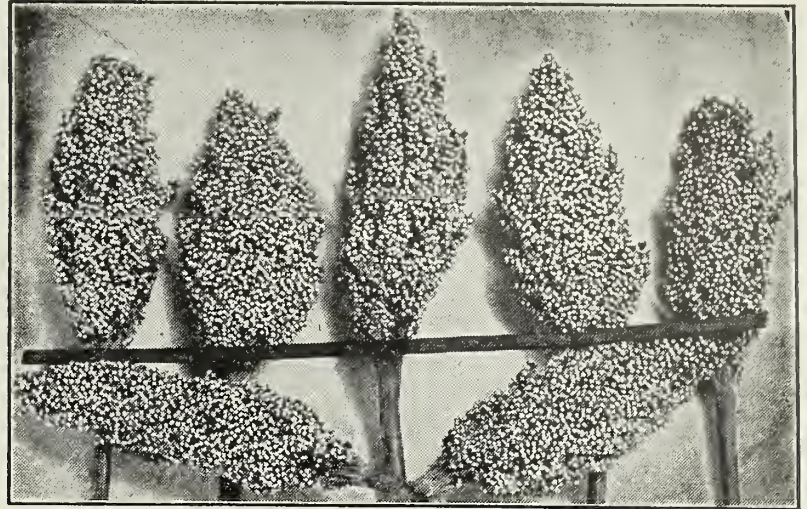
CANADA FIELD PEAS

These peas are grown principally for their vines which make hay equal to the best clover hay. They are usually sown with oats and cut when the oats head out, but before the grain is ripe. If anyone is likely to be short of hay he will do well to sow a few acres of oats and peas. We have used this hay for sheep, horses and cows with the best results.

Pea and oat hay is as easily cured as clover and will yield large crops. We usually sow $1\frac{1}{2}$ bushels of peas and 1 bushel of oats per acre. Sow early in the spring. Peck \$1.25; bu. (60 lbs.) \$4.50; bag (2 bu.) \$8.50. Price for larger lots will be quoted by letter at any time.

BROOM CORN

Broom corn is raised in much the same way as corn. The seed is drilled in rows 3 ft. apart dropping the seeds about 2 in. apart. Plant the same time as corn and cultivate the same way. It requires about 10 lb. of seeds to plant an acre.



Feterita

FETERITA

This new grain belongs to the class of non-saccharine sorghums among which Kaffir corn and Milo are the best known.

Feterita is grown like Kaffir corn but ripens the grain 3 to 4 weeks earlier.

The stalks grow 6 feet high, branching from the roots, and produce numerous large heads of grain, as shown in the photograph reproduced on this page.

The grain is a little smaller than Kaffir corn and is excellent for feeding chickens or any stock.

Feterita can be easily grown by drilling the seed in rows 3 feet apart and thinning to 6 inches apart in the rows. It will grow on land too dry for corn and will make big yields of both grain and fodder, even if there is very little rain.

The fodder is much finer than corn stalks and is readily eaten by stock.

The grain and fodder are usually fed together, but if it is desired to thresh the grain it can be done with a threshing machine by removing part of the concaves.

For grain sow 5 lbs. (3 qts.) seed per acre. For fodder sow about 30 lbs. per acre in rows or broadcast.

Trial pkt. (2 oz.) 10c; 1b. 20c; 5 lbs. 50c; 25 lbs. or more at 6c per lb.

SORGHUM or CANE

When grown for fodder or hay sorghum is sown with a grain drill, using about 1 bushel of seed per acre. It can be cut with a binder or mower. It will cure in the field and can be fed as wanted. It makes excellent feed for late summer when pastures get short. Sow first half of June and harvest in August. It will yield 6 to 8 tons per acre.

EARLY AMBER. This is considered the best early variety of sorghum for fodder in the northern states, and for grain or syrup in the South. Lb. 15c; pk. 90c; bu. (50 lbs.) \$3.25; 2 bu. or more at \$3.00 per bu.

DWARF ESSEX RAPE

An Excellent Forage Crop for Sheep and Hogs

Rape is a plant belonging to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by sheep and hogs. It can be pastured off and when stock is removed, if not eaten too close, it will grow up again and give a second crop.

It does best on rather moist land, but will do well on any good soil. The seed is usually sown broadcast with a grass seed sower, using about 5 pounds or $2\frac{1}{2}$ quarts per acre. It does best if sown from the first to the middle of August. It can be sown broadcast on corn ground after the last cultivating and will make good pasture after the corn is removed.

DWARF ESSEX RAPE, the best variety. Genuine English grown. This seed is far superior to the kind commonly sold. 20c per lb. 10 lbs. for \$1.60; 25 lbs. or more at 15c per lb.

SUNFLOWER

Sunflower seed is quite extensively grown for feeding. The seed should be sown in rows 3 to $3\frac{1}{2}$ feet apart and plants thinned to a foot apart in the rows. Treat the same as corn. Use 10 to 12 lbs. of seed per acre.

Sunflowers are often used to mix with corn when filling a silo. It is claimed that the mixture makes better ensilage than pure corn.

MAMMOTH RUSSIAN. This is the variety commonly used to produce seed and for filling silos. The heads are often one foot across, and are filled with stripped seeds, which make most excellent food for hens. Pkt. 5c; oz. 8c; 1b. 20c; 5 lbs. 60c; 25 lbs. or more at 11c per lb.



SUDAN GRASS—A Wonderful Forage Plant

This new Millet was introduced by the U. S. Department of Agriculture a few years ago. It came from the Sudan, South Africa. It has proved to be a valuable plant for hay and ensilage. It belongs to the Sorghum family, but is much finer than common sorghum and at the same time yields more.

This "grass" grows from 5 to 6 feet tall. If cut before the seed forms it will again start up like Alfalfa and another large crop can be cut a month later. It is said by government authorities to be one of the best ensilage crops known.

If left to mature this "grass" grows from 5 to 6 feet tall, but if cut when half grown two cuttings can be obtained and the hay is of excellent quality. It is also said by government authorities to be one of the best ensilage crops known.

Sudan grass succeeds well on dry soil where other millets would not amount to anything. Immense yields are obtained, especially when the seed is sown quite early and two cuttings are made.

Cows, horses, and sheep eat it readily and eat it up clean. Horses will leave timothy hay anytime and eat Sudan grass if they can get it.

Kills Quack—Mr. S. G. Burdick, Otto, N. Y. writes:

"Have killed the quack on one field by sowing Sudan grass (got the seed of you). I never saw such a swamp of anything as that Sudan grass. Some of it was 8 ft. high. I sowed 20 lbs. per acre and by the looks every seed grew. Next year seeded with oats and where the Sudan grass grew had a dandy stand of clover. Much better than on the other part of the field that had manure and was planted to corn."

The Sudan grass does best on dry, medium light soil. It can be sown broadcast, but does better if drilled in rows 20 to 24 inches apart and cultivated two or three times. Use at the rate of 6 to 8 pounds of seed per acre in drills or 10 to 15 lbs. broadcast.

The seed should be sown about the time the corn is planted in your locality. It can be sown as late as July but in that case will only give one cutting which will yield more than other Millets.

PRICE OF SEED. Trial pkt. 10c; 1b. 30c; 5 lbs. \$1.25; 25 lbs. or more 22c per lb. Price subject to market change late in the season. Lowest prices on large lots will be quoted by letter at any time.

HAIRY OR SAND VETCH

(*Vicia villosa*)

Hairy Vetch is a trailing plant of the pea family growing 3 to 4 feet in length and having very dark green leaves and small stems. It makes excellent hay, but is most largely used as a cover crop. Being a Legume it has the power to extract nitrogen from the air, so a crop of vetches adds much fertility to the soil as well as a large quantity of humus.

Vetches are largely used for sowing in orchards and on any land that is available before the middle of September. The best time to sow is the middle of August to the first of September. Whether to be used for hay or for plowing under, it is best to mix the vetch seed with rye, or wheat using about 1 bushel of grain and 20 to 25 pounds of vetch per acre.

It is best to drill the seed in, but it may be sown broadcast if well covered. The rye helps to support the vetch vines and makes them easier to mow or plow under. On fairly good soil, the vetch will make a great growth, forming a perfect mat of vegetation two feet deep.

Sow in Corn. A mixture of vetch and rye or wheat may be sown in corn after the last cultivating. If the corn is high the seed may be sown broadcast from horse-back. The vetch and rye will make a good growth in the fall after the corn is cut and keep the ground well covered during the winter. This makes an ideal seed bed for potatoes. It should be plowed before the rye heads out.

The seed we offer is of very high quality. It is 99 percent pure and germinates 90 per cent or better. There can be no better seed than this. The prices here quoted are subject to change.

HAIRY VETCH. Pk. (15 lbs.) \$3.15; bu. (60 lbs.) \$12.00; 100 lbs. \$19.50. Prices subject to change. Lowest prices will be quoted by letter at any time. Please state about the quantity required.

Spring Vetch. (*Vicia sativa*). This variety is similar to the above but has larger leaves and is not hardy enough to stand the winter in the North, and we do not advise it for fall sowing, except in the South, where it is largely grown. It is often called "Winter Vetch" in the South. 10 lbs. \$1.00; 25 lbs. or more at 9c per lb.

MILLET

JAPANESE. This is one of the largest varieties of millet. It grows so strong that the stalks look like small corn fodder. Very large crops can be raised, nearly double that of common millet. The hay is relished by horses, cows and sheep. Even when allowed to ripen its seed, the hay after the seed is threshed out is readily eaten by stock, there being no waste as in the case of corn stalks.

The millet should be sown about the same time corn is planted. It is usually sown broadcast at the rate of about 10 or 12 quarts (or an equal number of pounds) per acre. It is cut when it heads out, and before the seed ripens. It does best on sandy loam or medium light soil. We offer some extra fine, pure seed. Lb. 15c; pk. 75c; bu. (35 lbs.) \$2.40; 2 bu. or more at \$2.25 per bu. Prices subject to change.

Golden Millet. Makes a good heavy growth of hay that is suitable for cattle. Can be sown in July and makes a crop before fall. Grows 2 1/2 feet tall and has large yellow and brown seed heads. Use 3 pecks of seed per acre. Price about \$2.80 per bu. (50 lbs.); \$4.75 per 100 lbs. Subject to market changes.

Hungarian. This millet matures a week or so earlier than Golden Millet, and makes finer hay of better quality. Grows 2 feet tall. The heads are brown. Price about \$2.50 per bu. (48 lbs.); \$4.50 per 100 lbs. Lowest Market prices will be quoted by letter at any time.

GET PURE VETCH SEED

Much of the Hairy Vetch seed sold is mixed with Spring Vetch which grows all right in the fall, but dies during the winter. Mixed seed can be sold at a low price.

GRASS AND CLOVER SEED



We sell Grass and Clover Seeds of the highest grades only

There are no finer seeds sold anywhere, no matter under what "brand" they may be put up.

If you want this kind of seed write us for sample and prices. You can get seed of ordinary quality at the corner store.

The prices quoted below are for the seeds delivered to the railroad or express companies here, the purchaser to pay freight or express charges. If the seed is to be sent by mail add the necessary amount for postage. See rates page 4.

Please write us for prices when ready to buy grass seeds, stating about what will be needed.

ALFALFA

We need not say that every farm should have a field of alfalfa. Everyone knows it. The thing to do is to get started. Sow some this spring with wheat, oats or barley. It is not difficult to raise and is worth more for feeding than any other hay.

NORTHERN GROWN SEED. For the northern states it is important to use alfalfa seed that is of a **hardy strain**. There is no better proof that a strain is hardy than that it was grown in Montana or North Dakota where the winters are very severe, the ground freezing 6 to 8 feet deep. Alfalfa seed raised under these conditions must be of the hardiest strain and will stand the most trying conditions to be met with anywhere. There is a large amount of alfalfa seed grown in Kansas, Nebraska, and Utah and further south. This seed looks larger and plumper than the northern grown and can be bought at a **considerably lower price**. If good looking alfalfa seed is offered at a low price it is surely southern grown, or contains dodder.

CULTURE OF ALFALFA. The seed may be sown either in the spring or in July or August. In the spring seed may be sown on wheat or with oats or barley. When sown on winter wheat, the wheat should be harrowed after the alfalfa seed is sown. Sow 15 to 25 pounds of seed per acre, depending on the quality of the seed and how well the land is prepared. For summer seeding plow the land **early** (this is important) and keep it well worked and free from weeds until the seed is sown. If no alfalfa has ever been grown on the land before, it is advisable to inoculate the seed with the bacteria which is necessary to this plant. See "Cultures" described on page 55.

For spring seeding prepare the land as for oats or barley, drill in barley or an early variety of oats, using about 1 1/2 bushels per acre. Sow the alfalfa on the drilled land and roll it if dry. It is a good plan to cut the barley or oats for hay when it heads out and before it gets ripe. This, however, is not necessary unless the oats lodge.

We have known excellent results from sowing alfalfa seed in corn just after the last cultivation. Scatter the seed broadcast from horseback.

Alfalfa. Northern Grown Seed. We have at this writing, December 1922, a little less than 100 bags of a beautiful lot of Alfalfa seed grown in North Dakota. This seed is 99.70 per cent pure, germination 90 per cent.

This northern grown seed is much safer to use in the North than seed grown farther south. Alfalfa from southern grown seed is apt to winter-kill the first season. It does not pay to run the risk for the sake of saving a dollar or two on the seed. We offer this lot of seed as long as it lasts at the following prices: **Lb. 40c; pk. (15 lbs.) \$4.00; bu. (60 lbs.) \$15.00; 100 lbs. \$25.00.**

GRIMM ALFALFA. For certain soils and exposed fields where common alfalfa is apt to winter-kill the Grimm variety is said to be superior. On our own farm Northern grown seed of common Alfalfa produces excellent results and we can see no special advantage in using the Grimm. There are places, however, where the Grimm seems to be much superior. The seed we offer was procured from a very reliable dealer in the Northwest and we think it is undoubtedly true to name and of high purity. Price **single lb. 60c; 10 lbs. or more at 50c per lb.; 100 lbs. at 45c per lb.; \$27.00 per bu. of 60 lbs.** Special price will be quoted by letter on large lots at any time.

SWEET CLOVER. The culture of sweet clover is practically the same as for alfalfa. Sweet clover, however, will grow on rough land where alfalfa would not do well. It makes an immense growth and if cut before it is too ripe makes excellent hay. It is also valuable for pasture for hogs, sheep, and cattle. Like Red Clover this is a biennial and should be renewed every other year. The seed may be sown in the late fall and winter, or early spring as well as in the summer. For sowing in the summer it is well to use **scarified seed**. Seed not scarified does not germinate very quickly and often lies in the ground a long time without sprouting. The seed we offer is the **white blossomed variety** which is the best kind.

Scarified seed. 99% pure. Lb. 25c; peck (15 lbs.) \$2.25; bu. (60 lbs.) \$8.40; 100 lbs. \$13.50. Price variable. Lowest prices will be quoted on large lots at any time.

Not Scarified. For sowing in the winter or early spring this seed is just as good as the scarified. **Peck (15 lbs.) \$2.20; bu. \$8.00; 100 lbs. \$12.50.** Price variable. Lowest prices will be quoted at any time.

Hubam Annual Sweet Clover. This is an annual form of the common biennial Sweet Clover. It grows rapidly and a crop of hay is produced in August from seed sown in the spring. The plants die the first winter.

The agricultural papers have been full of the wonderful possibilities of Hubam Clover. We have raised some of it and cannot see just where it is going to be of any great value, except to raise seed to sell at high prices. That pays as long as there are people who will pay the price. If any one wants the seed we should be glad to furnish it. **Pkt. 10c; oz. 20c; lb. 75c.**

Alsike Clover. Grows well on low, wet land where Red Clover does not thrive. For heavy or wet land it is a good plan to mix Alsike and Red Clover, using about half as much Alsike as Red. Alsike being a perennial, will last for a good many years, either for hay or in pasture. It makes fine hay of high feeding value. It is very valuable in pastures, especially on wet or heavy soil. Sow 3 to 5 quarts, or 6 to 10 pounds seed per acre if used alone. **Lb. 40c; pk. (15 lbs.) \$3.75; bu. (60 lbs.) \$13.80.** Lowest prices possible will be quoted at any time.

Red Clover, Medium. This is the common Red Clover so extensively grown. It is a biennial in most places, living but two years if allowed to seed. It is usually sown early in the spring on winter wheat or with oats or barley, but can be sown in July or August quite successfully. Sow 4 to 6 quarts or 8 to 12 pounds Clover seed per acre. If the seed is of high quality this is enough. The seed we offer is the highest grade obtainable, 99.60 per cent pure and of high vitality. It is American grown seed. **Lb. 45c; pk. (15 lbs.) about \$4.50; bu. (60 lbs.) about \$16.00.** Lowest price will be quoted by letter at any time.



Red Clover, Mammoth. Also called "Pea Vine" Clover. This variety grows larger and coarser than the Medium and is often used for plowing under to enrich the soil for which purpose it is very valuable. Most dealers sell Medium and Mammoth Red Clover seed out of the same bag, so it is rather difficult to get any pure seed of the Mammoth. We buy only seed that is guaranteed by the grower to be pure and genuine Mammoth. **Pk. about \$4.75; bu. about \$17.00.**

Crimson Clover. Used very extensively for plowing under to enrich the land and as a cover crop. It is usually sown in August, and will make a good growth before winter. It does not succeed when sown in the spring. Should be sown on all bare pieces of ground in August and September. It is not hardy and usually winter-kills in the North. Extra fine seed. **Pk. \$3.50; bu. (60 lbs.) \$12.00.** Price variable.

Timothy. One of the most popular grasses for hay and pasture. Sow 6 quarts or 9 pounds of seed per acre if used alone. We can furnish choicest re-cleaned seed at the market price. Please write us for sample and price, stating about how much seed will be needed. **Pk. \$1.25; bu. \$4.50.** Price variable.

TIMOTHY and ALSIKE mixed. This makes an excellent mixture to sow either for hay or pasture. At the price we are able to offer this seed it is a bargain. As it requires considerable time and expense to separate the Clover seed from Timothy when grown together the mixed seed can be sold cheaper than the two separate. The mixture we offer contains 16% Alsike Clover. As long as this lot lasts we can sell it as follows: **Pk. (11 1/4 lbs.) \$1.50; bu. (45 lbs.) \$5.40; bag of 3 bu. (135 lbs.) \$13.50.** Price variable and subject to market changes.

White Clover. Used principally for lawns and sheep pasture. The roots extend deep into the ground and consequently this clover stands drought well. It is therefore valuable for lawns on dry soil and it remains green when other grasses are dried up. **Lb. 65c; 10 lbs. or more 60c per lb.**

ENGLISH PERENNIAL RYE GRASS. A desirable grass for pasture. It forms a heavy close sod and grows up quickly after being eaten or cut off. It is also a good grass for hay if cut when in bloom. It affords good pasture after the hay is cut. Does best on rather moist and heavy soil. Use 25 to 30 lbs. of seed per acre if sown alone. **Per lb. 20c; bu. (24 lbs.) \$2.40; \$9.00 per 100 lbs.**

KENTUCKY BLUE GRASS. One of the best grasses for pasture and lawns. It starts to grow very early in the spring and remains green late in the fall. It does well on either high, dry land or places that are quite moist. Does not grow tall enough to make large yields of hay. The standard weight of a bushel of seed is 14 pounds, but the re-cleaned seed we sell weighs 21 pounds per measured bushel. High grade seed, **40c per lb.; bu. (14 lbs.) \$4.20; \$29.00 per 100 lbs.** Price subject to market changes.

CANADIAN BLUE GRASS. A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor dry land and should be more largely used for this purpose. Fancy high grade seed, **30c per lb.; bu. (14 lbs.) \$3.35; \$22.00 per 100 lbs.**

MEADOW FESCUE, or English Blue Grass. Of great value for permanent pasture and for hay. Does best on strong land. Grows 2 feet high. Makes a finer and better quality of hay than Orchard grass. Sow 25 to 30 pounds per acre if alone. **Per lb. 25c; 10 lbs. or more at 19c per lb.**

RED FESCUE. A valuable grass for dry land pasture. Roots go deep into the ground so it keeps green in dry weather. It is a good grass to raise on hill sides to prevent the soil washing away. **Per lb. 70c; 10 lbs. or more at 65c per lb.**

HARD FESCUE. A very hardy grass valuable for pasture. It resists drought well and gives excellent pasturage from early in the season all through the summer. **Lb. 55c; 10 lbs. or more 50c per lb.**

TALL MEADOW OAT GRASS. A valuable grass for meadows and pasture. Does best on rather light soil but will grow well on heavier land. Starts very early in the spring and makes a rapid growth, and on this account should be included in all mixtures for pasture and hay on light soil. **Per lb. 40c; \$36.00 per 100 lbs.** Price variable.

ORCHARD GRASS. A strong growing, rather coarse grass, good for pasture and hay. Starts very early in the spring. Grows in tufts so should be sown with other early flowering grasses. Tall Meadow Oat grass is good for this purpose. Orchard grass makes a very rapid growth after being cut and affords good pasture within a week or 10 days after cutting. Stands drought well as the roots extend deep into the soil. Highest grade seed. **20c per lb.; bu. (14 lbs.) \$2.40; \$15.00 per 100 lbs.**

RED TOP, (Called "Hurd Grass" in the South). Valuable for low land, as it is not injured by water. It also grows well on high land. Grows 2 to 3 feet high, and makes very good hay. Finest re-cleaned seed (weighing 32 pounds per bushel.) **Lb. 30c; 10 lbs. or more at 27c per lb.; \$26.00 per 100 lbs.** Unhulled seed per bu. of 14 lbs. **\$2.25; \$15.50 per 100 lbs.**

BROMUS INERMIS (Awnless Brome Grass) On dry poor land where other grasses do not grow this grass often makes a good crop of rather coarse hay and affords fairly good pasture. Sow about 20 lbs. of seed per acre. **Lb. 30c; 10 lbs. or more 22c per lb.**

NOTE. The prices quoted above for grass and clover seeds are what the seed is worth now (December, 1922).

The market price of seed may change very much before spring. Please write for prices when you are ready to buy. Our prices are always low for the high quality of seed we handle.

Grass Seed Mixtures for Hay and Pasture, see next page.

INOCULATE ALFALFA, SOY BEANS, VETCH, ETC.

It is now well known that the Legumes which include all Clovers, Peas, Beans, Vetch, etc. are greatly stimulated in growth when certain bacteria grow on their roots forming nodules. Through these nodules nitrogen from the air is absorbed and used by the plants. Thus if a crop of clover or Soy beans is well supplied with nodules and is plowed under, it adds a large amount of nitrogen to the soil that was not there before.

A different kind of bacteria is required for each kind of plant. Soils often contain enough bacteria for some kinds of Legumes but none for others. If you attempt to raise a kind for which there are no suitable bacteria in the soil, the plants will not do well and will gather no nitrogen from the air.

When starting to raise any kind of Legumes for the first time, or if the plants do not do well, try inoculating the seed with a culture of bacteria suited to that particular plant.



is a name for cultures prepared for all crops that require them. They are very reliable, and can be depended upon to keep alive an entire season. Most cultures are put up in closed bottles and consequently they soon die for want of air. The Nodules-Bacter are in ventilated bottles and therefore keep a much longer time.

They are sold at the lowest price of any really reliable cultures we know of.

PRICES

Nodule-Bacter inoculation is delivered ready to use. Easy to apply—add a little water, sprinkle on the seed and thoroughly mix. Full directions for use on each package.

Nodule-Bacter is prepared for the various Legume crops as follows: Alfalfa, Sweet Clover, Red Clover, Crimson Clover, White Clover and Alsike Clover. 1 peck size package 40c; 1/2 bushel size package 60c; 1 bushel size package \$1.00; 5 bushel size package \$4.00.

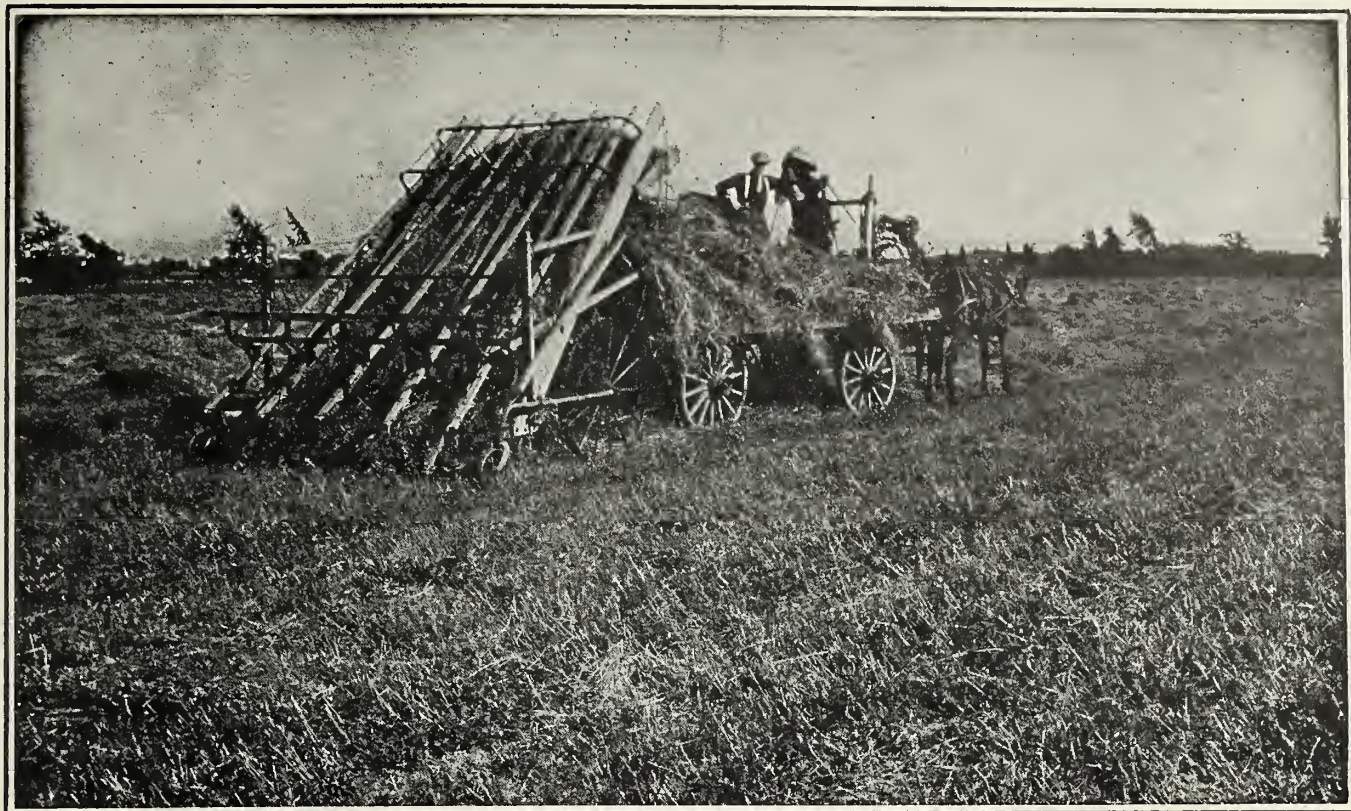
Soy Beans, Garden and Field Beans, Vetches, Garden and Field Peas, Cow Peas. 1/2 bushel size package 40c; 1 bushel size package 60c; 2 bushel size package \$1.00; 10 bushel size package \$4.00.

Garden Size package of a combination culture sufficient to inoculate two quarts of sweet peas, garden peas or beans. \$.35 (This size is not put up for other crops).

Each Legume crop must have the proper bacteria; therefore, when ordering be sure to give the names of crops to be inoculated.



Alfalfa
Inoculated Not Inoculated



HARRIS' GRASS MIXTURES

For Permanent Pastures and Hay

A large majority of people sow only Timothy and Clover for both hay and pasture. The only excuse for this is that Timothy seed is cheap and the hay sells for the highest price in the city markets.

Where hay is fed on the farm as it should be to maintain fertility, it is poor economy to sow Timothy. It is a grass that affords only one cutting a year and no aftermath. The hay while it sells for high prices is not of high food value as it contains only about half as much actual digestible food as Alfalfa and very much less than Clover and some other grasses.

If hay is to be sold raise Timothy. If you want to feed it on the farm raise something better.

Where it is desired to pasture the land after cutting hay, it is important to have some kinds of grasses that will make a good growth soon after cutting and continue to grow until late in the fall.

When the land is to be pastured and not cut for hay, other kinds of grasses should be used, as those which produce the best crops of hay are not as well adapted for pasture as some other kinds which make a thick turf. Much better results are obtained by using the kinds of grasses best suited to the purpose for which they are raised instead of the same kinds for all purposes and all soils.

With these ideas in view we have made up mixtures of seeds, of various grasses best suited to produce hay, and others to make permanent pasture. The seeds used are all of the very highest quality in every case.

The seed may be sown in the spring or in August or September. The quantity required for an acre depends on how well the soil is fitted and how rich it is. Poor land, half fitted, requires more seed than rich soil well prepared. For average conditions we recommend 25 to 30 pounds of seed per acre.

GRASSES FOR PERMANENT PASTURES

To get a really good pasture that will last for many years it is necessary to sow grasses that will form a close, heavy turf and such as are not injured by close cropping and tramping of the animals. There are many grasses of this kind, some adapted to moist soil and others to high and dry land. Some start early in the spring and others continue growing late in the fall, so a considerable number of different

kinds should be used in order to maintain a continuous growth and therefore a constant supply of good pasturage during the whole season.

We have made two different mixtures for pasture according to advice of best authorities on the subject. One mixture is for land that is low and moist and the other contains grasses that succeed on high, dry soil.

The cost of using these grass seeds is more than to use timothy and other common kinds, but the results are so much better that it will pay to go to the extra expense of using the right kinds when seeding land that is to remain in pasture for at least four or five years.

PASTURE MIXTURE No. 1, for dry soil. Composed of grasses best suited to make good pasture all through the season on dry land. This mixture contains clover seeds (white and alsike) which should be omitted when sown in the fall later than the middle of August. We advise using 25 to 30 pounds of this mixture per acre. 30c per lb.; \$26.00 per 100 lbs.

PASTURE MIXTURE No. 2, for moist and heavy land. The grasses in this mixture do best on strong, heavy and moist soil, and most of them will stand being flooded with water part of the time. Sow 25 lbs. per acre. 25c per lb.; \$22.00 per 100 lbs.; 25 lbs. or more will be supplied at the 100 lb. rate.

MIXTURES FOR HAY

These mixtures are composed of such grasses as Meadow Fescue, Tall Meadow Oat Grass, English Rye Grass and other kinds that produce large crops of good hay and make a quick, strong growth after cutting and which can be pastured or cut again. These grasses will last for many years and give good crops if properly fertilized. Use 30 pounds of seed per acre.

HAY MIXTURE No. 3. For high and dry soil, medium and light. 25c per lb.; \$22.00 per 100 lbs.

HAY MIXTURE No. 4. For moist, heavy and strong land. 26c per lb.; \$23.00 per 100 lbs.

NOTE. 25 lb. or more of any of these grass seed mixtures will be supplied at the 100 lb. rate.

Seeding low land. We find it a good plan when seeding low and wet land, to plow it as early as it is dry enough and keep it well worked down during the summer. The last of August the seed is sown. A good crop of grass is procured the next summer.



HARRIS' LAWN GRASS SEED

Clean, heavy seed of the highest purity and vitality. The best varieties of grasses to form a deep green sod.

No pains have been spared to make Harris' Lawn grass seed as good as it can be made. The kinds of grasses used are those that form a close dense sod and resist hot, dry weather. The seeds are all of the cleanest and purest grades, and are all of strong vitality and will start quickly, and soon cover the ground with a fine close sward. Much of the grass seed sold for lawns is cheap, light stuff that could not be sold except in a mixture. Such seed cannot produce good results and should never be used.

In making new lawns the ground should be thoroughly prepared the same as for any garden crop. All stones and sticks should be raked off and the surface rolled smooth and even, so there will be no holes or uneven places in the lawn. It is a good plan to give the land a dressing of fine rotted manure which should be thoroughly worked into the soil. If the soil is poor and hard, as is the case around newly built houses, some good soil should be spread on the surface an inch or two deep. On this should be applied a dressing of bone meal, or some other good fertilizer, at the rate of about 1 pound to 50 square feet; more would do no harm.

Seed should be sown in the spring or after August 1st. It is not well to sow grass seed in June or July on account of the hot sun. Part of the seed should be sown while walking one way across the lawn, and the rest the other way. This will result in the seed being put on more evenly than if it was all sown at one time.

After seeding, the land should be rolled. If a roller is not available, rake lightly so as to cover the seed.

To renew old lawns rake thoroughly, stirring the ground as much as possible without killing the grass. All moss and weeds should be removed as far as possible. Sow half as much grass seed as recommended for seeding a new lawn. After seeding, the lawn should be rolled.

Harris' Lawn Grass Seed contains White Clover which we consider highly desirable in a lawn, as the roots penetrate deep into the soil and so get water to keep the lawn green during very dry weather. If preferred **without White Clover seed please mention it.**

1 lb. enough for 400 square feet.....	\$.60	25 lb. enough for 10,000 square feet.....	\$12.50
5 lb. enough for 2000 square feet.....	2.75	Each additional pound.....	.50
10 lb. enough for 4000 square feet.....	5.25		

We shall be glad to make lowest possible price on large lots. Please write us.

GRASS SEED FOR SHADY LAWNS

This mixture is composed of the few kinds of grasses that grow best in shady places. These grasses will grow and make a good sod under trees and in the shade of buildings where the common kinds of lawn grass would not do well.

This seed should be sown in the early spring or fall. The ground should be thoroughly stirred up and raked smooth before seeding. Use seed at the same rate as common Lawn grass. See quantities above.

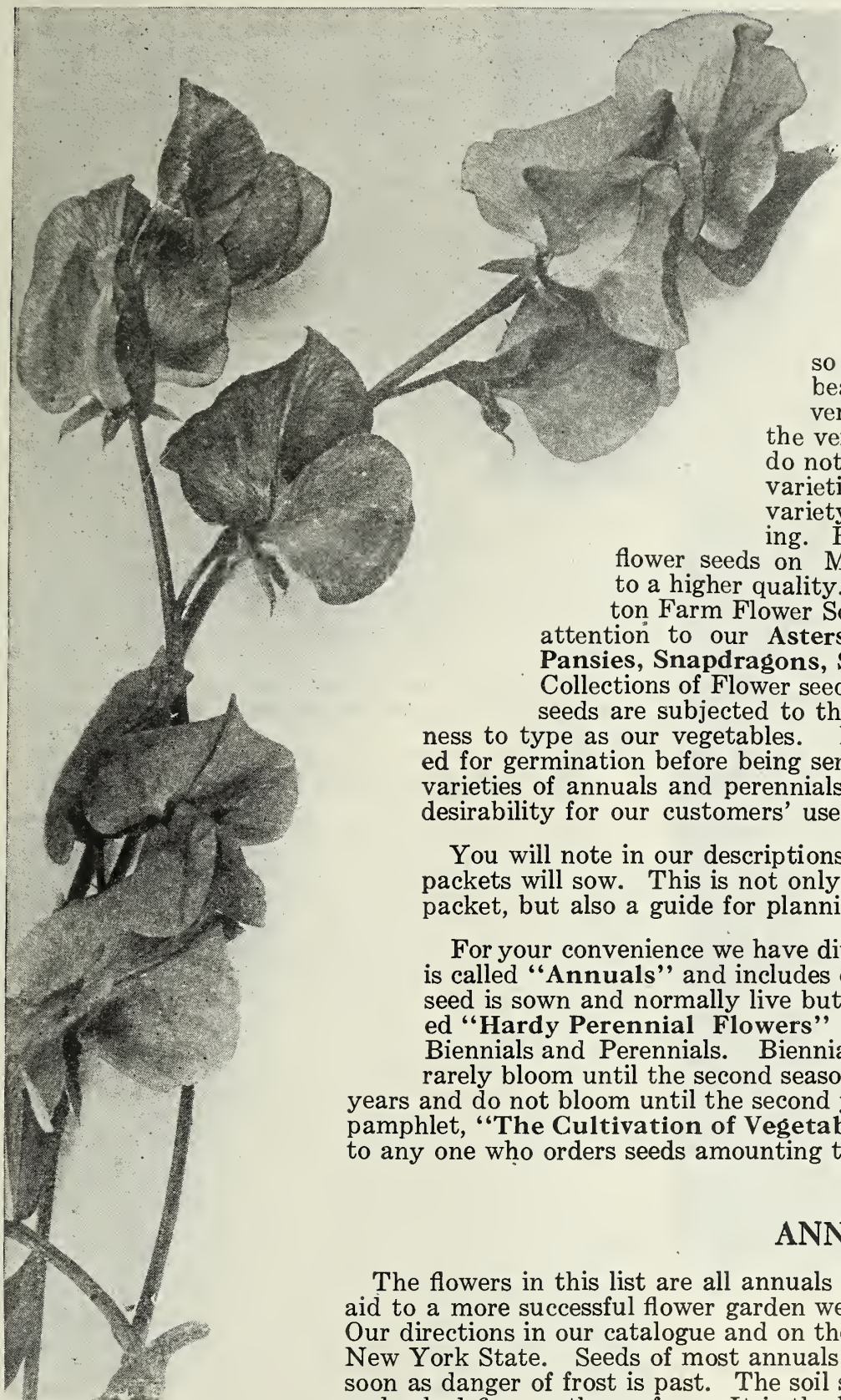
Lawn Grass for Shady Spots. Pound 80c; 5 lbs. \$3.75; any greater quantity 75c per lb.

FOR SEEDING UNDER TREES

There are often places under large deciduous trees and shrubs which the sun cannot reach at any time during the day when the leaves are out. No grass of any kind will grow under such conditions for any length of time. The best thing we have found for such places is to sow some quick growing grasses, either in the autumn when the leaves fall, or in the early spring before the leaves come out. The grass will then cover the ground and remain green late in the summer. The ground has to be reseeded each year. The seed should be sown either in the fall or very early in the spring. We can furnish a mixture of grasses suitable for this purpose. When ordering please give name as follows:

Lawn Grass for Annual Seeding. 1 lb., enough for 800 square feet, 30c; 5 lbs., enough for 4000 square feet, \$1.25; each additional pound, 25c.

HARRIS' FLOWER SEEDS



Early-Flowering
Sweet-Peas

Flowers have often been referred to as "The Smiles of Divinity," and they could not be described in any better way. Who is there who doesn't love the beauty of flowers? One can not look at a flower without being impressed with both its intrinsic beauty as well as the fact of its being a beauty that can be given us only by a Divine Creator. This world without flowers would be a dreary place to live, and every grower of flowers is doing a lot to help make this a life worth while. The following pages are written with the idea of helping you to grow better flowers

so as to more fully realize their wondrous beauties. Our list is not long, but it has been very carefully selected in order to offer you only the very best varieties it is possible to produce. We do not catalog any unreliable novelties or freaks, or varieties without merit. You can depend on each variety being as represented and well worth growing. Each season we grow more and more of our flower seeds on Moreton Farm, each year developing them to a higher quality. We are sparing no efforts to make Moreton Farm Flower Seeds the best possible. We call your especial attention to our **Asters, Zinnias, Early Cosmos, Delphinium, Pansies, Snapdragons, Sweet Peas, etc.** Do not fail to notice our Collections of Flower seeds offered on pages 84 and 94. Our flower seeds are subjected to the same rigorous tests of vitality and truthness to type as our vegetables. Every lot of seed has been thoroughly tested for germination before being sent out. In our extensive trial grounds all varieties of annuals and perennials are given efficient field tests and their desirability for our customers' use is given careful consideration.

You will note in our descriptions we indicate the number of feet of row our packets will sow. This is not only an indication of the amount of seed in the packet, but also a guide for planning your garden.

For your convenience we have divided our list into two parts. The first part is called "**Annuals**" and includes only plants which bloom the same year the seed is sown and normally live but a single season. The second part is headed "**Hardy Perennial Flowers**" and includes both the seed and plants of Biennials and Perennials. Biennials are plants living two years and which rarely bloom until the second season. Perennials tend to live for a number of years and do not bloom until the second year from seed. If you ask for it our little pamphlet, "**The Cultivation of Vegetables and Flowers**" will be sent free of charge to any one who orders seeds amounting to 50c or more.

ANNUALS

The flowers in this list are all annuals and will flower the first year, and as an aid to a more successful flower garden we offer a few general directions for culture. Our directions in our catalogue and on the packets are written for the latitude of New York State. Seeds of most annuals may be sown where they are to grow as soon as danger of frost is past. The soil should be well pulverized to a good depth and raked fine on the surface. It is the better plan to sow in rows rather than broadcast and to label the rows as the plants are thus more easily cultivated for the removal of weeds and the maintenance of moisture. **Do not sow too deeply.** For larger seeds, like Balsam, Zinnias, Cosmos, etc., one-quarter to half an inch is enough, while very fine seeds need only to be pressed into the soil. After the plants are up, the

ground should not be allowed to become hard and baked. If the plants come up too thick be sure to thin them out **when very young** so as to give them plenty of room to develop. This is too often neglected and is the cause of disappointing results.

The seed of the tender annuals should be sown in boxes or pots in March, placing them in a warm position and carefully protecting them from the cold. A very light sandy compost should be used and the boxes well drained. As soon as the plants are out of the seed-leaf, transplant them into shallow boxes or pots and they should be large enough to transplant into the flower beds by the middle of May. This method is also used to get earlier bloom on many of the more hardy annuals such as Asters, Ageratum, Carnations, Snapdragons, etc.



Ostrich Feather Aster, Delicate Pink (Photograph $\frac{1}{2}$ Natural Size)

ASTERS

For cut-flowers there are no other flowers that can compete with Asters. They are easy to raise, bloom throughout a long season and are, with few exceptions, very satisfactory. The numerous types and colors and the possibilities, with a little extra care, of obtaining the most wonderful blooms, make the Aster our most interesting family of the annual flowers.

Every year the increasing demand for Moreton grown Aster Seed forces us to steadily increase our acreage of Asters, and we are continually putting forth more and more effort to grow Asters of better quality. All of our seed is either grown on Moreton Farm or very carefully grown for us by an expert grower.

Our fields of Heart of France, Peerless Pink, Rochester Lavender, Moreton Pink and Ostrich Feather

Asters were exceptionally fine this year, and we are offering the best Aster seed that we have ever had.

The list we offer on the following pages represent the finest Asters we know and we have been very careful to list no synonymous types, each one being entirely distinct from any other, and that one the best of its kind.

All of our packets are of the same size and each packet contains sufficient seed to produce 50 to 100 plants.

OSTRICH FEATHER ASTERS

The Grandest of the Fluffy Varieties

This is a new strain of the Crego or fluffy type of Asters that surpasses any other of this type. The flowers are exceptionally large, full double with very long twisted and curled petals, suggesting an ostrich feather. Not only are the flowers larger and better than other varieties, but the plants are also exceptionally large and vigorous, yielding an abundance of flowers on very long stiff stems. Their season of bloom is between the Cregos and the Late Branchings.

PRICE of each of the following colors. Pkt. 8c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 65c.

1701—WHITE,
1702—DELICATE PINK,
1704—LIGHT BLUE,
1706—LAVENDER-PINK,

1707—CRIMSON.
1703—ROSE,
1705—PURPLE,

1700—MIXED COLORS. A splendid, well balanced mixture especially made from all the above colors. Pkt. 5c; $\frac{1}{4}$ oz. 55c; oz. \$1.75.

C 170—SPECIAL COLLECTION of one packet each of the seven named varieties of Ostrich Feather Asters for 35 cents.

AMERICAN BEAUTY

A Handsome Late Blooming Aster

A new variety of unusual vigor and commencing to bloom as the last of the other sorts are going out of bloom. An indispensable variety for those who want to cut flowers until freezing weather.

The flowers are globe-shaped, the long, wide petals being incurved. The plants grow to immense height, making long clean stems. The American Beauty Asters have proven very popular. We are able to offer four colors only.

PRICE of each of the following colors. Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c

1803—ROSE,
1805—PURPLE,

1804—LAVENDER,
1802—SEPTEMBER PINK,

1800—MIXED COLORS. A well balanced mixture of seed of each of the above varieties. Pkt. 8c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.

PINK ENCHANTRESS

1048—An upright growing aster of admirable qualities. The color is a delicate shade of soft pink that does not fade, while the flower is unusually lasting, both when cut and on the plant. The season is a little earlier than the Late Branching varieties.

Pkt. 8c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

Hints for Sowing Aster Seed

Just exactly as fine flowers are obtainable from out-door grown plants as from those started inside. All of our own aster seed is raised on out-door grown plants.

The easiest way to grow aster plants is to sow the seed in rows in the vegetable garden or flower bed in some position that is well protected from cold winds yet fully exposed to the sunlight. If this is done in April or early May as soon as the ground can be worked, the plants will come along in time for a full crop of flowers.

As soon as up they should be thinned to $\frac{1}{2}$ inch apart in the row in order to make good hardy, stocky plants. These will be ready to transplant by the first to the middle of June into the field $1\frac{1}{2}$ feet apart each way.

ASTERS—Continued

MORETON PINK

The Finest Bright Pink Aster

1025—A rich, clear, bright Pink Aster that is proving its merit by its steady increase in popularity. The flower is of the Crego or Rochester type, very full double with long twisted petals. The color is a deep cerise like the Paul Neyron Rose. Since introducing this new variety in 1918 we have been steadily improving it and we enthusiastically urge it as the finest bright pink aster on the market. Due to a favorable crop, we are offering the seed this season at a considerable reduction from last year's prices. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c; oz. \$2.50.

ROYAL ASTERS

The Earliest Large Flowered Sort

This is an early aster resembling the Late Branching but blooms two or three weeks earlier. The plants come into bloom before any other of the large flowering class which makes the Royal valuable both for the home garden and for market. The flowers are of large size with broad incurved petals and have long, strong stems. The plant is of branching habit and quite vigorous.

PRICE of each of the following colors. Pkt. 8c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c;

1301—WHITE, 1302—SHELL PINK,
1305—PURPLE, 1304—LAVENDER,

1300—MIXED COLORS. Our own special mixture including all colors. Pkt. 5c; $\frac{1}{4}$ oz. 35c; oz. \$1.25.

QUEEN OF THE MARKET

The First Early

The EARLIEST Asters that are really satisfactory and on that account are valuable for cut flowers for the market. The flowers are of medium size and full double on plants of the branching habit. If the plants are started in March in the house or hot-bed, and transplanted early into good rich ground they will make a large plant and flower in July.

PRICE of each of the following colors. Pkt. 8c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

1201—WHITE, 1202—PINK 1203—ROSE
1204—LAVENDER 1205—PURPLE

1200—MIXED COLORS. Our own mixture made up of all the above colors. Pkt. 5c; $\frac{1}{4}$ oz. 35c; oz. \$1.25.



Harris' Moreton Pink Aster

(Photograph $\frac{1}{2}$ Natural Size)

LATE BRANCHING ASTERS

The Late Branching Asters can well be called the "backbone" of Asters. It was this type that finally brought Asters into prominence and made flower lovers take a real, live interest in them as a flower of unusual merit. When people speak of Asters it is the Late Branching class we first think of and we know the other types as developments from it. There are other varieties with larger blooms etc., but none that are more dependable, always coming full double, with long stiff stems on good vigorous plants that hold the flowers up off the ground. They bloom a little later than the Royals and Cregos, and remain in flower a long time, the plants carrying a wealth of bloom until late in the fall. There is no other variety that fills their place.

PRICE of each of the following colors. Pkt. 8c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 45c.

1601—WHITE, 1604—LAVENDER,
1603—ROSE, 1605—PURPLE,
1602—SHELL PINK, 1606—CRIMSON,
1607—PEACH BLOSSOM

1600—MIXED COLORS. An especially made mixture we make by mixing seed of the above named colors in carefully proportioned amounts. Pkt. 5c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

C160—SPECIAL COLLECTION of one packet each of the 7 named varieties of Late Branching Asters for 35c. (Regular price 56c.)

SENSATION

New Red Aster

1059—The only real "Red" Aster on the market. Not only is it a real red, but a very pleasing shade that we describe as a brilliant red of a garnet shade. The flowers are full, double, of medium size on tall plants of the free-branching habit with good long stems. Although it comes into bloom with the early mid-season varieties it persists until very late, making a brilliant spot in the garden for two months. As a bouquet under artificial light, it has a very striking color. Pkt. 12c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 65c.

IMPROVED VICTORIA ASTERS

1330—MIXED COLORS. This is one of the very best types of Asters for bedding purposes. They grow about 15 inches high, the top being covered with medium sized full double, ball shaped flowers having a quilled appearance. The colors are somewhat unusual, including salmon-pink, light blue, etc., Pkt. 12c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c.



Late Branching Asters
(Photograph $\frac{1}{2}$ Natural Size)



PEERLESS PINK

Our Best Delicate Pink

1066—For an all around splendid Aster there are none better than Peerless Pink, and although one of the older varieties it is still unsurpassed. It may always be depended upon to produce a wealth of large, rich, shell pink flowers so full double as to be almost globular. It is a delicate shell pink, deep enough to have character, yet soft enough to be dainty. The intermingling curves of the big, broad petals give the flower an individuality of appearance that is truly beautiful and very impressive.

The plants are so exceptionally robust growing that the long vigorous stems hold the mammoth flowers up off the ground. It commences blooming soon after Moreton Pink and continues for a long time.

This is one of the specialties we grow on Moreton Farm. Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c; oz. \$2.25.

LAVENDER ROCHESTER

A Clear Lavender of Exceptional Beauty

1034—This is an especially fine clear lavender of the Crego type, but a much better flower than any of the Cregos. It is more double and more Chrysanthemum like, being more full and of greater thickness. The season is about the same as Moreton Pink and it makes a splendid companion to it.

This is another Moreton Farm Aster we are pleased to urge you to plant. Pkt. 12c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c; oz. \$2.50.

"I ordered in early spring, flower and garden seeds from you and wish to say that the gardens are wonderful and the flowers grand and beautiful. They are admired by everyone who sees them, and I have earned the reputation as fine gardener, because the seeds were good and I took care of the ground and gave your seeds every chance to do their best, and was well repaid." Mrs. Joe E. Johnson, Superior, Nebr., July 5, 1922.

NOTICE

All packets of aster seed listed in these pages contain sufficient seed to raise 50 to 100 plants.



Peerless Pink



Lavender Rochester

ASTER PLANTS

For our good, vigorous, Moreton grown aster plants see page 100.

ASTERMUM

1110—MIXED COLORS. For Asters to plant for their decorative character in the flower bed, there is no better variety than the Astermums. Growing but 18 inches high, and of an upright growth they can be planted close together (8 inches apart). The full double, fluffy flowers are borne in such great profusion that a bed of these Asters will appear as a solid mass of color. Pkt. 12c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c.

HEART OF FRANCE

Another Moreton Farm Favorite

1078—There is no Aster of recent introduction that has had such widespread popularity as Heart of France, and this year, for the first time, we have had a splendid crop. As for quality, we are safe in saying it is the best strain on the market.

The color is a bright garnet-red and the flowers are large and full on tall, robust plants of the Late Branching type. The beautiful satiny lustre of the loose, scraggly petals have a very striking appearance. Pkt. 8c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.

SPECIAL COLLECTION

of

MORETON FARM FAVORITE FOUR BEST ASTERS

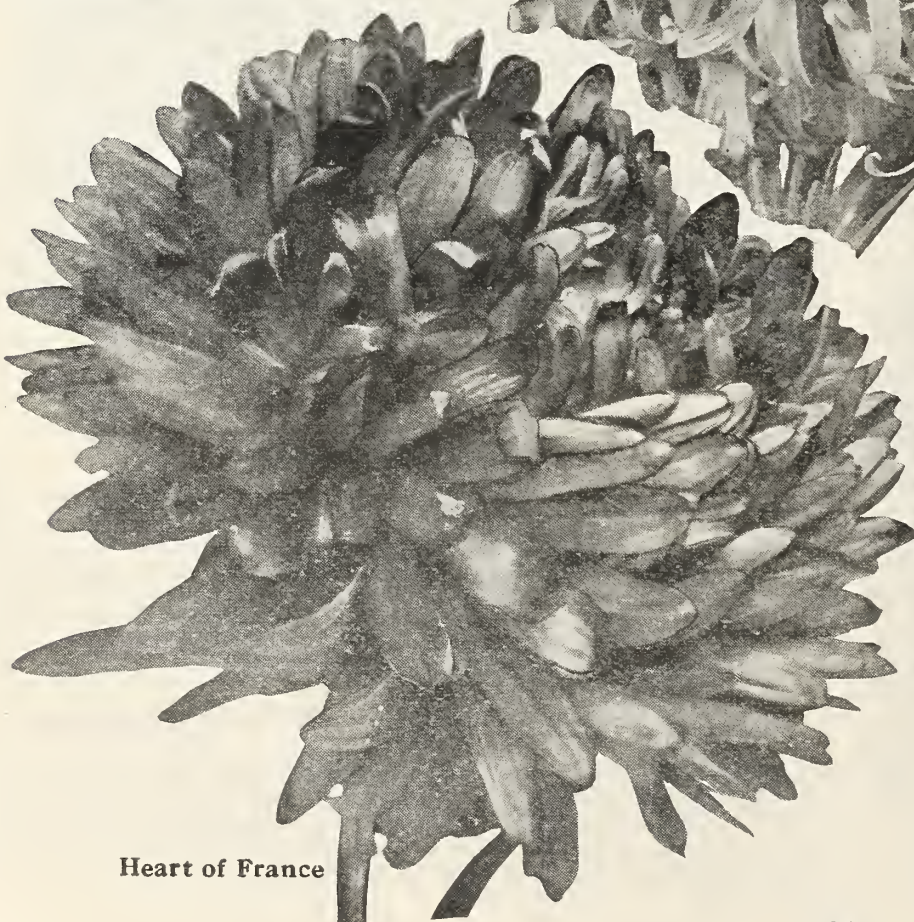
C100—We will send one packet each of the following four favorite specialties grown on Moreton Farm for 30c. (regular price 42c.)

1 pkt. Moreton Pink

1 pkt. Rochester Lavender

1 pkt. Heart of France

1 pkt. Peerless Pink



Heart of France

ASTERS—Continued

CREGO ASTERS

The Crego type of aster is the large fluffy flower that so many people admire. The fluffy mass of long, twisted petals combined with the rich colorings make an aristocratic flower that is the admiration of every one. These are very similar to the Ostrich Feather except the flowers and plants are not quite so large and they bloom about ten days earlier.

PRICE of each of the following colors. Pkt. 8c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 45c.

1401—WHITE, 1402—SHELL PINK,
1404—LAVENDER, 1405—PURPLE,
1403—ROSE, 1406—LAVENDER-PINK,

1400—MIXED COLORS. A well proportioned mixture made from some of the same seed as used for the above named colors. Pkt. 5c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

C140—SPECIAL COLLECTION of one packet each of the 6 named varieties of Crego Asters for 30c. (Regular price 48c)

CRIMSON GIANT

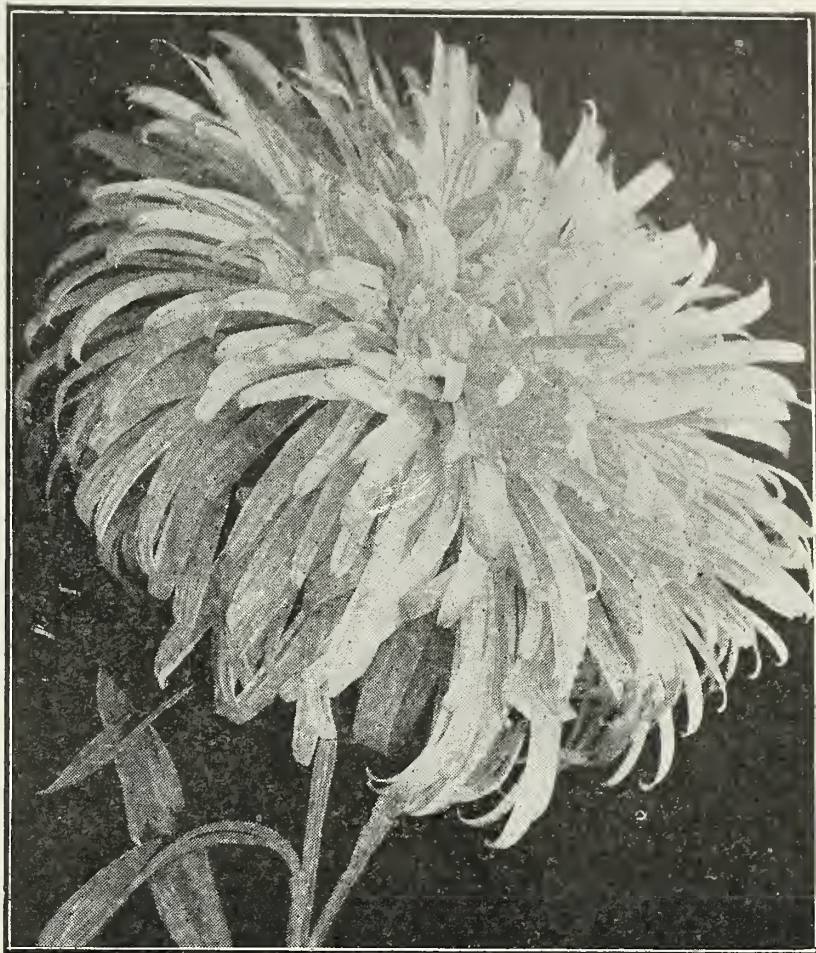
1083—This is the largest of the "red" asters. The flowers are a very rich brilliant blood-red, very large and densely double. The plant is of upright growth and a vigorous grower. This makes a particularly effective aster for the border, also makes a wonderful bouquet, especially by artificial light. Pkt. 8c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

SINGLE ASTERS

1095—MIXED COLORS. Single asters are rapidly gaining the popularity they deserve. The large single flowers are very beautiful in their simplicity and are unsurpassed for decorative effect when cut. The colors range from the most brilliant to the daintiest and the plants are of a stronger, healthier growth than the double sorts and are more profuse bloomers, making them showy garden plants. This style of flower is coming more in vogue with people of taste. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

BOLTZ'S DWARF BOUQUET

1090—MIXED COLORS. This is a variety of dwarf aster that deserves more attention. The plants are small, about 8 inches high, of very compact growth, and completely covered with miniature asters. The blooms are $1\frac{1}{2}$ to 2 inches across and in the greatest variety of bright colors. They are an excellent flower for the edge of the flower bed, or along a walk or a drive. Sow the seed in early May in the open ground where the plants are to remain and thin to 4 or 5 inches apart. Pkt. 5c; $\frac{1}{4}$ oz. 35c.



Crego Aster

CHOICE VARIETIES OF ASTERS MIXED

1000—This is a very carefully made mixture composed of the different colors of the Royal, Late Branching, King and Crego varieties as well as some of the novelties. This insures a good range of color in all seasons of bloom and all of the highest class. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 85c.

ALYSSUM

A very pretty little plant, covered with pure white, sweet-scented flowers, which are produced all through the summer. Especially useful for edging and borders.

One packet sows 12 feet of row, and one ounce sows 600 feet.

2020—SWEET ALYSSUM. Very fragrant. Grows 1 ft. high and spreads to $1\frac{1}{2}$ to 2 feet in diameter. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

2021—LITTLE GEM. A dwarf variety, growing only 5 to 6 inches high, but the plant spreads out to a foot in diameter and is covered with compact spikes of white flowers all summer. To get the best results the plants should be thinned to 6 inches apart. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 65c.

PERENNIAL ALYSSUM. See page 86.

AMARANTHUS

Brilliant foliaged plants 3 to 6 feet high. Given plenty of room and a hot sunny location they are very attractive among the tall plants or center of a large bed. Sow seed outdoors in May. One packet sows 15 feet of row.

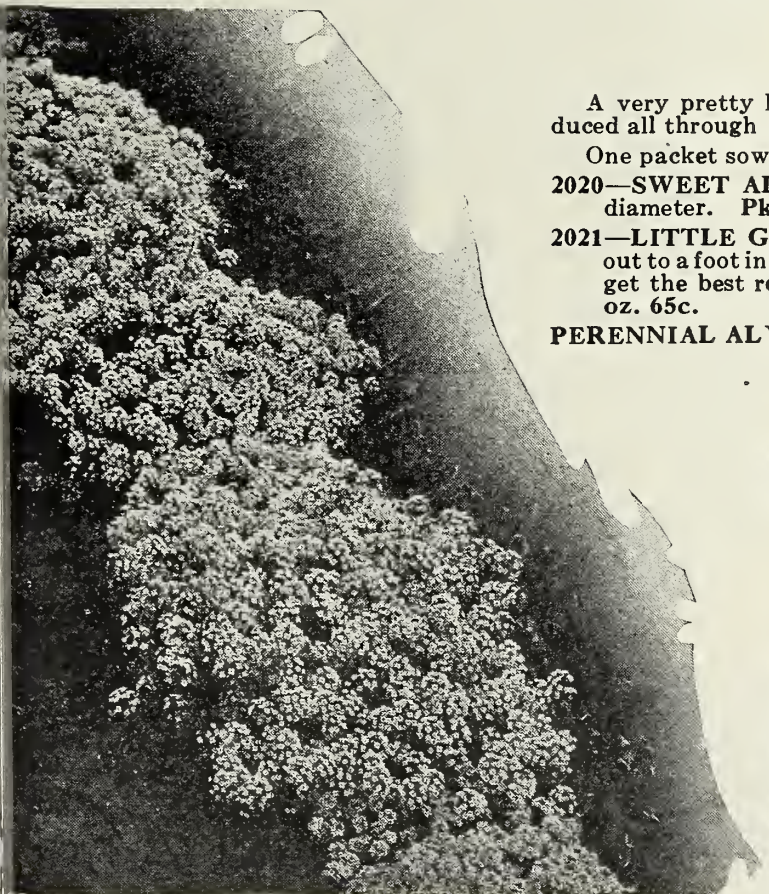
2030—MIXED SORTS. This mixture contains a great many of the different sorts of Amaranthus and makes a splendid thing to sow where large, rapid growing plants are wanted as a temporary screen or hedge. Pkt. 5c; $\frac{1}{4}$ oz. 20c;

ASPARAGUS

2090—LACE FERN (Plumosus Nanus) A beautiful pot plant with green, fern-like, feathery foliage. This is the Asparagus generally used by florists to put in with bouquets. It can be satisfactorily grown from seed in pots in the house and kept warm. Pkt. 25c; 100 seeds \$1.00.

2091—EMERALD FEATHER (Sprengeri) The most popular house plant for hanging baskets, etc. The long, drooping, branches are thoroughly covered with little narrow, glossy green leaves. Sow in the house in pots and keep moderately warm. Pkt. 20c; 100 seeds 50c.

"Last spring I ordered some Moreton Pink Aster seed and Yarrawa Sweet Peas and they are without exception the finest I have ever seen. Everybody that sees my pink Asters cannot stop talking of them. They are simply beautiful." Mrs. Ralph Henry, Ogdensburg, N. Y.



Alyssum, Little Gem growing in our Trial Grounds



AGERATUM (Floss Flower)

One of the most satisfactory bedding plants, being covered with bloom from early summer until frost. The pretty floss-like flowers hold on and keep their bright color through rain and drought. Raised easily from seed sown out of doors in May or started in a hotbed or window earlier and transplanted in the open ground in May. A September sowing will give plants to bloom in the house all winter. One packet sows 15 feet of row, and $\frac{1}{4}$ ounce sows 250 feet of row.

2014—BLUE PERFECTION. The deepest blue variety. Of compact growth, 9 in. high, with large flowers of a deep amethyst-blue. Pkt. 5c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 25c. oz. 80c.

2011—LITTLE BLUE STAR. Only 4 or 5 inches high and completely covered with bright blue flowers. Pkt. 5c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c.

PLANTS OF AGERATUM. See page 100.

ARCTOTIS (African Daisy)

2085—GRANDIS. This recent introduction from Southwest Africa is one of the most desirable annuals for cut flowers as well as for show in the garden. A well branched plant, 2 to 3 feet tall, easily grown from seed sown out of doors and continuing in bloom from July until frost. The flowers are large, showy, daisy-like flowers of pure white, while the reverse of the petals are pale lilac. While the plant will do well most any place, it favors a sunny situation. The flowers make very pretty bouquets, lasting a week or ten days in water. Knowing that this will prove a most pleasing flower we are glad to urge you to try it. One packet sows 6 feet of row, and $\frac{1}{4}$ ounce sows 120 feet. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

2041—ANCHUSA Capensis (Cape For-get-me-not). A free-flowering annual of easiest cultivation. 18 inches high. Often raised for bees. One packet sows 6 ft. and one ounce sows 60 ft. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

2000—ACROCLINIUM,—see Everlastings page 84.

ANTIRRHINUM—see Snapdragons page 79.

BALSAM (Lady Slipper)

A charming old garden favorite long ago introduced from India and now very popular for its showy flowers. As they are very tender and the seeds germinate quickly, they should not be sowed until all danger of frost is past. Started in May they will give flowers from July until frost. The plants prefer a rich sandy loam and plenty of moisture and if given plenty of room, at least a foot apart, the most satisfactory results will be obtained. One packet will sow 10 feet, and one ounce sows 150 feet of row.

2120—DOUBLE ROSE-FLOWERED. Mixed Colors. The large double flowers look like small roses growing so thickly on the stems that the plant resembles a mass of bloom from top to bottom. Our seed is of the finest strain, producing perfectly double flowers of the best form and largest size. Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 40c.

2110—DOUBLE CAMELLIA-FLOWERED. Mixed Colors. Pkt. 5c; $\frac{1}{2}$ oz. 30c; oz. 50c.

"Inclosed find order for aster seeds. Those I got from you last year were wonderful, the most beautiful asters I ever raised."

Jos. Rix, Lansing, Mich.

PLEASE ORDER BY NUMBER

When ordering flower seeds it is not necessary to write out the name of the varieties wanted, simply give the number, the quantity and price.



Castor Oil Bean



Ageratum—Blue Perfection

(Photograph $\frac{1}{4}$ Natural Size)

BEGONIA—Fibrous Rooted

The Semperflorens or Everflowering varieties of fibrous rooted Begonias are unsurpassed bedding plants. They thrive equally well in partially shaded or sunny locations, flowering profusely through the summer and fall. As pot plants for winter they are also superb. The seed should be started early indoors, and as it is very small and expensive it should be sowed very carefully.

2130—VERNON. The best of the semperflorens class. The flowers are of all colors, well set off by the glossy green leaves which are broadly margined with bronze and purple. The plants form a dense bush about 1 foot high. Pkt. 15c.

CASTOR OIL BEAN—(Ricinus)

A very effective plant for lawn decorations or screens. Plant the seed when the soil is warm and where the plants are to grow. It is well to put three or four seeds in a place and thin to one good plant. If large plants are desired early in the summer, the seed should be planted in pots or small boxes in the house or hotbed in April and the plants set out about June 1st where they are to grow. One plant will cover a space 4 ft. across.

2500—ZANZIBARIENSIS. The largest variety, often growing 12 feet tall with enormous leaves. Pkt. (6 seeds) 10c; oz. (about 30 seeds) 30c.

CASTOR OIL BEAN PLANTS. See page 100.

CANNA (Indian Shot)

Raising cannas from seed is a little more labor than buying the roots, but when grown from seed one gets a great variety of interesting and pretty colors. The seed should be soaked in warm water until they show evidence of swelling, then sow in sandy loam and put in a hotbed. When the second leaf appears, pot off and hold under glass until all danger of frost is past.

2285—CANNA SEED. The seed we offer is of the large flowering French Cannas, which are the very finest. Pkt. (20 seeds) 10c; oz. (about 100 seeds) 25c.

CANNA ROOTS. See page 97.



A Partial View of our Calendula Trials

CALENDULA (Pot Marigold)

These pretty, low-growing flowers make a bright spot in the garden from early summer until snow covers them.

They are easily raised by sowing the seed in the open ground in the spring. The flowers are 2½ to 3 inches across, very double and of yellow and orange. The plants should be thinned to a foot apart to get the largest and handsomest flowers. The seed we offer will produce superior flowers both in size and doubleness.

This year we have two splendid new Calendula of our own growing that are much superior to the ordinary varieties in size and doubleness, while our Prince of Orange and Sulphur Yellow are of excellent quality. One packet will sow 6 feet of row.

- 2201—ORANGE KING, Harris' Special.** The largest deep orange and more full-double than any we have seen. Pkt. 10c.
- 2202—LEMON QUEEN Harris' Special.** A bright lemon yellow of largest size and very double. This is an especially fine yellow. Pkt. 10c.
- 2203—PRINCE OF ORANGE.** Large full, deep orange flowers that are so much prized by the florists. A handsome autumn color. Pkt. 5c; ¼ oz. 20c; oz. 50c.
- 2204—SULPHUR YELLOW.** A bright clear sulphur yellow. Pkt. 5c; ¼ oz. 20c; oz. 50c.
- 2200—MIXED COLORS.** A mixture including all colors and shades. This is an especially good mixture that we make up of named varieties. Pkt. 5c; ¼ oz. 15c; oz. 40c.

CANDYTUFT

A very hardy, easily grown little annual that blooms all summer. It is a universal favorite for beds and masses. Successive sowings should be made during the summer, while the last sowing in the autumn will produce flowers early in spring. One foot high. One packet will sow 15 feet, and one ounce will sow 250 feet.

- 2275—GIANT HYACINTH FLOWERED OR IMPROVED EMPRESS.** The finest of all white varieties. The long, heavy spikes of large flowers resembling a white hyacinth. Pkt. 8c; ¼ oz. 20c; oz. 60c.
- 2271—EMPRESS.** An improved variety producing very large spikes of white bloom. This is the variety to grow for the market. Pkt. 5c; ¼ oz. 15c; oz. 40c.
- 2273—DUNNETT'S CRIMSON.** Flowers of light shade of red. Pkt. 5c; ¼ oz. 15c.
- 2272—ROSE CARDINAL.** A brilliant rosy-red. This is one of the brightest and best colors for bedding. Pkt. 8c; ¼ oz. 20c.
- 2270—MIXED COLORS.** A mixture of the pink, purple and white varieties. Pkt. 5c; ¼ oz. 10c; oz. 25c.

CARNATIONS

NEW GIANT MARGUERITE

These pretty summer flowering Carnations are one of the most satisfactory of our garden favorites. For ease of culture, delicious fragrance and richness of color there is no variety to equal the Marguerite type. The seed may be started early in the house or sowed later outdoors. These plants will flower throughout the summer and then may be taken up and will flower for a long time in the house.

- 2300—MIXED COLORS.** This meritorious variety is the most popular carnation for sowing in the open ground. The flowers are large, double, well fringed, delightfully fragrant and a great variety of colors. One packet will sow 10 feet of row. Pkt. 8c; ¼ oz. 25c; ¼ oz. 40c; oz. \$1.25.

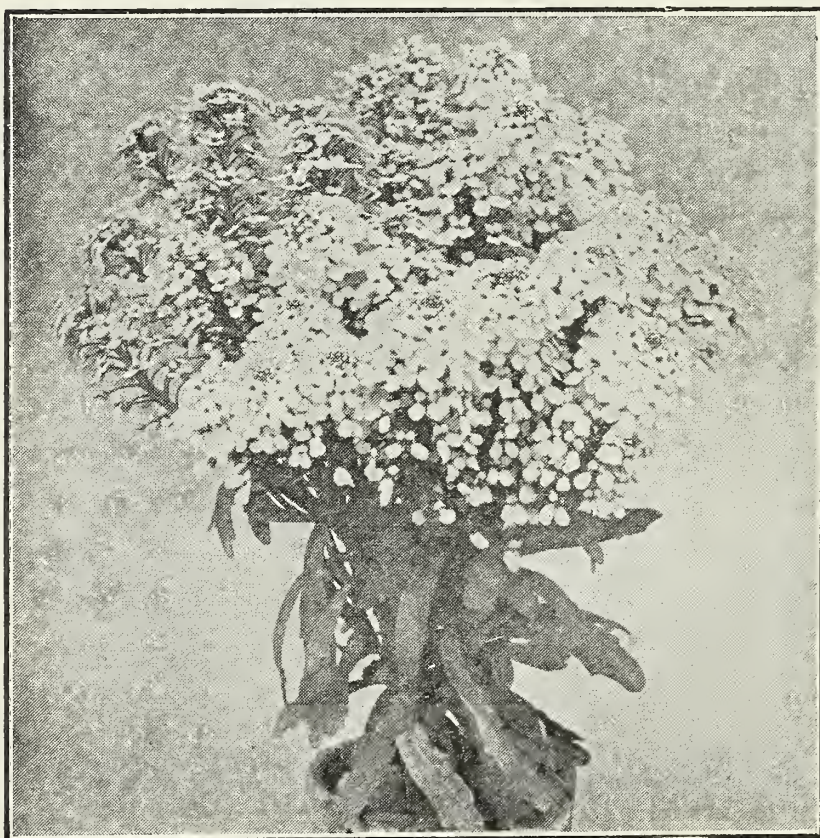
CALLIOPSIS

One of the most charming and attractive of the annual flowers, easily grown and producing an abundance of flowers all through the summer and autumn. Sow in the open ground in the spring. For the perennial type see Coreopsis. One packet will sow 15 feet of row.

- 2211—GOLDEN WAVE.** An attractive and beautiful flower. The plants grow 15 inches high, and are covered with bright golden yellow daisy like flowers with maroon centers. The flowers are 2 inches across and the petals have notched edges. Pkt. 5c; ¼ oz. 20c.
- 2210—MIXED COLORS.** This is a mixture of the different varieties of Calliopsis and is splendid to sow "any old place" as it grows so easily, makes a good showing all summer and a host of pretty flowers may always be cut. Pkt. 5c; ¼ oz. 15c; oz. 35c.

COLEUS

- 2510—EXTRA CHOICE LARGE-LEAVED MIXTURE.** Richly colored foliage plants for groups on lawns, rib ribboning, and pot culture. Universally used in porch boxes and conservatory and easily raised from seed the first year. Our mixture is the best we can obtain. Pkt. 25c.



Empress Candytuft—(Photograph ¼ natural size)



CENTAUREA

(Double Cornflower or Bachelor's Button)

CYANUS fl. pl. The old fashioned Single Blue Cornflower has been greatly improved, and finally superseded by the New Double Cornflowers in White and Pink as well as the Blue. They make excellent flowers for both the garden and bouquets. Can also be grown easily indoors. The flowers are much larger and handsomer than the old singles.

2321—DOUBLE WHITE. A large, double, clear white, without the blue eye. This is a new color in the doubles. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

2322—DOUBLE ROSE. Bright pink shades of large size and double form. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

2325—DOUBLE BLUE. The true "cornflower-blue" that is so attractive. Fine large, double flowers. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

2320—DOUBLE MIXED COLORS. A splendid mixture of all colors, including some not named above. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 70c.

AMERICANA or "Basket Flower"

This large-flowered Centaurea should be better known, because it is the most striking of the Centaureas or Bachelor Buttons and is the most easily grown. It is always sure to bloom satisfactorily from seed sown in the open ground.

The flowers are large, 4 to 5 inches across and are borne on long stiff stems 3 feet above the ground. It blooms continuously throughout an exceptionally long season and the plant always looks attractive. The long rows of lavender and white growing for seed are always among the most admired of the many annuals we raise. One packet sows 8 feet of row.

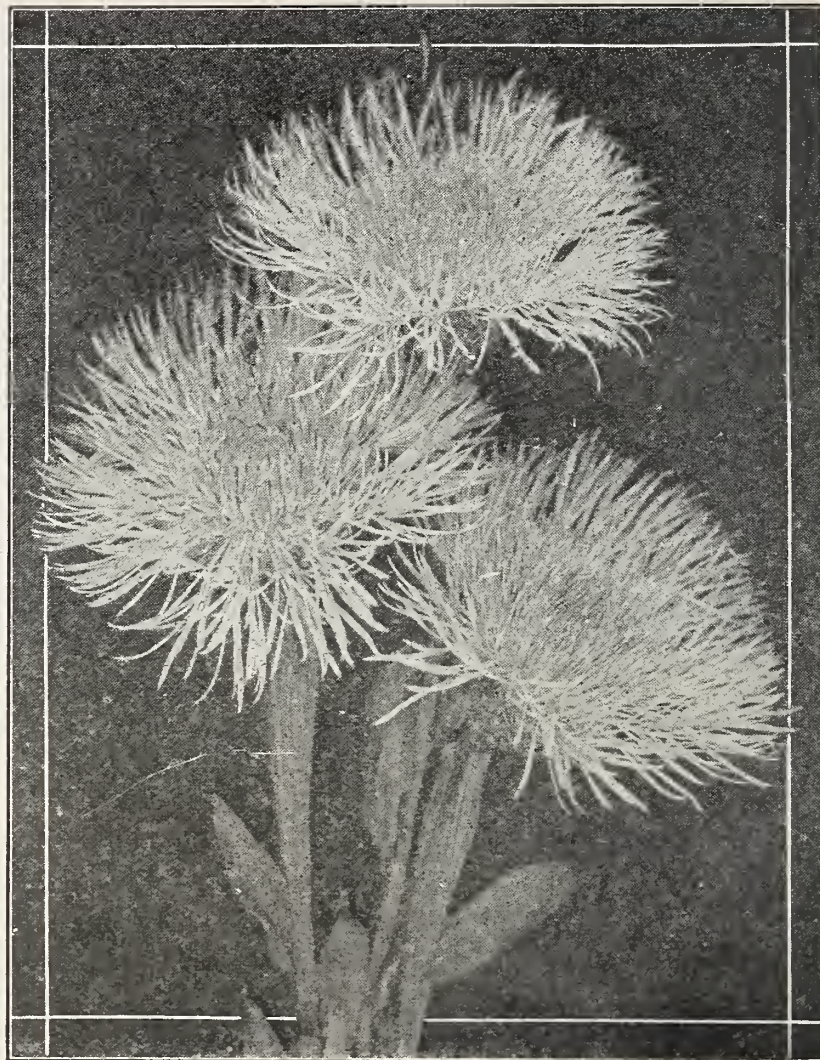
2334—LAVENDER.....Pkt. 5c; $\frac{1}{4}$ oz. 25c

2331—WHITE.....Pkt. 5c; $\frac{1}{4}$ oz. 25c

SWEET SULTAN

2340—IMPERIALIS, Mixed Colors. All shades of the improved, large-flowered variety of the Sweet Sultan of by-gone days. The double, fluffy flowers resemble the Americana in form although not so large and the plant grows lower and more bushy. This mixture is especially made up of separate colors and is not, as most mixtures, all mauve pink. Pkt. 8c; $\frac{1}{4}$ oz. 25c; oz. 85c.

2350—DUSTY MILLER (Gymnocarpa). This pretty white-leaved Centaurea with finely cut, gracefully drooping foliage makes a very valuable plant for edging beds of geraniums, salvias, and cannas or for hanging baskets, vases, rockeries, etc. The plant grows about one foot high and the foliage is a bright silvery gray. The seed should be started inside and the little plants grown in pots or boxes until warm weather, when they may be set out about one foot apart. Pkt. 8c; $\frac{1}{4}$ oz. 40c; oz. 95c.



Centaurea Americana (Photograph $\frac{1}{3}$ natural size)

CYCLAMEN

2490—PERSICUM. One of the choicest of all the greenhouse or window plants, producing large bulbs in 12 to 18 months from seed. This is a choice mixture of the best colors and the most satisfactory variety to raise from seed. Pkt. 35c.

CLARKIA

2420—DOUBLE, MIXED COLORS. There are few plants of a more pretty and graceful character than Clarkia. The long graceful stems are completely covered with beautiful double flowers in delicate, but very brilliant shades. They are very easily raised from seed and will do well in most any soil and in sun or shade. The flowers, which are about $1\frac{1}{2}$ inches in diameter, open well in water when cut and will last a long time. The plants are about 2 feet high. One packet will sow 20 feet of row. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

COCKSCOMB (Celosia)

Showy and brilliantly colored free-blooming annuals, growing best in light soil. The seed is sown in the open ground in May. The plants grow 2 to 3 feet high.

One ounce sows 500 feet of row and one packet sows 20 feet.

2380—CELOSIA CRISTATA. This is the variety of Celosia which is generally known as "Cockscomb." The plants are about 1 foot high and surmounted at the top by a large, ruffled, brilliantly colored, comb-like head. Mixed Colors. Pkt. 8c; $\frac{1}{4}$ oz. 35c.

CHINESE WOOLFLOWER (Celosia Childsi)

A new interesting type of the feathered Cockscomb. The flowers are large heads resembling great bunches of some bright colored woolly material. The flowers cut and dried will remain bright for weeks.

2362—PINK or 2363—CRIMSON. Pkt. 12c.

2360—MIXED COLORS. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

PLUMED COCKSCOMB (Celosia Plumosa)

THOMPSONS' MAGNIFICENT. A very handsome variety covered with long, graceful plumes of most intense red and yellow. There is no flower that will produce such a brilliant mass of color as this. The plants are rapid growers and will flower from July until frost, and present a most attractive bit of color in any garden. We offer two colors separate.

2373—CRIMSON or 2374—YELLOW. Pkt. 8c; $\frac{1}{4}$ oz. 30c.

2370—MIXED COLORS. Pkt. 5c; $\frac{1}{4}$ oz. 20c.



Cockscomb—Celosia Cristata—(Photograph $\frac{1}{4}$ natural size)

COSMOS

EARLY FLOWERING GIANT COSMOS

We used to think we could not raise large flowered Cosmos in our short summers without great difficulty. But now we have a strain that produces immense flowers three inches across and commences to bloom in July when the seed is sown in the open ground in May.

The colors range from pure white to deep red and the plants grow four to five feet high.

There is no more useful flower for decorating the house or to form a screen in the garden.

Seed sown in May and the plants thinned to 1½ feet apart will soon form a dense hedge covered from top to bottom with bright colored flowers and delicate feathered-like foliage.

One packet sows 15 feet of row and one ounce sows 300 feet.

2451—WHITE, Pkt. 8c; ¼ oz. 25c.

2453—RED, Pkt. 8c; ¼ oz. 25c.

2450—EARLY FLOWERING, MIXED COLORS, Pkt. 5c; ¼ oz. 20c; oz. 60c.

NEW DOUBLE CRESTED COSMOS

A new and distinct type of large flowering Cosmos, the center being full double, giving a crested effect. These are a very pretty Cosmos but not as early as the Early Flowering Giant.

2480—DOUBLE CRESTED MIXED COLORS. Pkt. 12c; ¼ oz. 45c.

MAMMOTH FLOWERING COSMOS

The flowers of this improved variety are very large and of a charming range of colors, while the plants grow five to six feet high. In order to insure flowers in this latitude they should be started inside in February.

2470—Mixed Colors, Pkt. 5c; ¼ oz. 20c; oz. 50c.

Cosmos Plants. See page 100.

"Seeds and bulbs are very satisfactory. Cosmos and Zinnias were in bloom June 10th.

Your Gladioli are away ahead of anything I have ever seen in growth and bid fair to be the best bloom. Those early Cosmos are creating some talk among flower lovers here, as I have some 4 in. across".

Geo. E. Mizen, Barre, Ont. Canada, July 3, 1922



Early Flowering Giant Cosmos growing for seed on Moreton Farm. Photographed July 20th from seed sown in the field.

CLEOME—"Giant Spider Plant"

2437—A very ornamental plant easily raised from seed. The flowers are bright crimson-rose and produced on tall stems 3 to 4 ft. high. The seed pods form slender spikes about the flowers, which suggests the name "Spider-Plant." Pkt. 5c.

DIANTHUS or PINKS

There are few annual flowers that will produce such a brilliant display of color for so long a time as the various varieties of Dianthus. Seed sown in the spring produces a beautiful display of flowers from July to November. If the plants are given some light protection, they will live over winter and flower very early the following spring.

One packet sows 12 feet of row; one ounce sows 350 feet.

2670—DOUBLE JAPAN PINK (*Dianthus Heddewigi*). Remarkably large and double, and of brilliant colors. The flowers are as large as carnations. The plants flower all through the late summer and fall and produce their gorgeous colored flowers in great profusion. Our strain of these pinks is very fine. Mixed Colors. Pkt. 5c; ¼ oz. 25c; oz. 75c.

2690—DOUBLE CHINESE OR INDIAN PINK (*Dianthus Chinensis* fl.pl.) Flowers very double and produced in clusters in a wide range of bright colors. Pkt. 5c; ¼ oz. 20c; oz. 70c.

2681—SNOWBALL. Large, pure white double fringed flowers which resemble white carnations. Pkt. 8c; ¼ oz. 40c.

2683—LUCIFER. A new brilliant geranium red; double flowered and nicely fringed. Very large and dazzling. Pkt. 10c; ¼ oz. 50c.

2689—SINGLE DIANTHUS. The single-flowering dianthus makes a most brilliant show of color in the garden. They flower continuously through the summer and fall, and a bed or border of them is very attractive. Mixed colors. Pkt. 5c; ¼ oz. 15c; oz. 45c.

C260—COLLECTION of one packet each of the five varieties named above for 25c.



Dianthus Heddewigi (Photograph ½ Natural Size)

HARDY GRASS PINKS. See Hardy Perennials page 88.



Didiscus

DAHLIAS

Dahlias, especially the single varieties, can easily be raised from seed by sowing in a box or pot in February, or March and transplanting into other pots as the plants commence to crowd. Set in the open ground when warm and support with stakes. The plants will flower the first year, and the roots can be saved and will flower much earlier the second year. One packet will sow 7 feet of row.

2604—SINGLE DAHLIA. These are becoming very popular and fashionable flowers. Our seed is a mixture of the finest single varieties with largest flowers and best colors. Pkt. 8c; $\frac{1}{4}$ oz. 35c.

2600—DOUBLE DAHLIAS. Seed saved from the largest and finest double dahlias, and will produce a high percentage of fine double flowers. Pkt. 10c; $\frac{1}{4}$ oz. 45c.

For Dahlia Roots see page 98.

CALIFORNIA POPPY or Eschscholtzia

We have something new and fine to offer this year in the California Poppies. For the last few years we have been searching our trial grounds for separate colors of Eschscholtzia that are really distinct and worthy, with the result that we have selected the following as the very best. Altho most of the separate colors offered grow very poorly in this locality we can highly recommend these sorts as satisfactory in every way.

A very ornamental trailing plant with silvery leaves and large, bright-colored, saucer-shaped flowers. The plants spread over the ground two feet or more and their flowers stand above the leaves in great profusion. Seed sown outdoors in May will bloom from July to November. One packet sows 12 feet of row.

2783—THE GEISHA—One of the newer varieties with attractively crimped and fluted petals. The color is a rich Golden Yellow inside and a brilliant orange-red outside. Pkt. 10c.

2785—THORBURNI. An unusual shade of coppery-red that is very striking. The flowers are large and of fine form. Pkt. 8c.

2791—DOUBLE WHITE. A new race of Eschscholtzia called DOUBLE that is really semi-double, as in the photograph. This gives the flowers more substance and make them seem to have more to character. These were the best growing plants in our trials. This is the best strain of seed we can procure and it will grow a large percentage of semi-double flowers. Pkt. 10c.

2792—DOUBLE ORANGE. Same as above, only brilliant orange color. Pkt. 10c.

2784—GOLDEN WEST. Large bright yellow flowers with an orange center. A bed or border of them will make a bright yellow mat which fairly glitters in the sunshine. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

2780—MIXED COLORS. Our own mixture made up of the best colors in the proper proportion. This mixture includes a large proportion of the newest and best varieties. It is splendid for carpet bedding or ground covering throughout the hardy border. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c.

SANTA BARBARA POPPY or Bush Eschscholtzia

(*Hunnemannia fumariaefolia*)

2775—A really remarkable flower. The plant grows in a bush form two feet high and throughout a long season is covered with large yellow cup-shaped poppies 3 to 4 inches across. Seed sown in May will produce plants that flower from the last of August until late in the fall. One packet sows 10 feet of row. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

DIDISCUS or "Blue Lace Flower"

2746—COERULEUS. No other annual of recent introduction has attained such great popularity as the Blue Lace Flower. It was brought here from Australia, and though but recently introduced it is already extensively grown as a cut-flower. The lovely, lace-like, umbel-shaped flowers, 2 to 3 inches across, are a rare and most beautiful shade of clear coerulean blue. The blossoms, in form, somewhat resemble those of Queen's Lace Handkerchief, and are on good long, clean stems. The plants grow about 2 feet high and are of easiest culture. Sow the seed out of doors when danger of frost is over and they should bloom continuously from July till October. It will also do well as a houseplant in the winter. Pkt. 15c.

AFRICAN "GOLDEN ORANGE" DAISY (*Dimorphotheca Aurantiaca*)

This extremely pretty daisy-like flower from South Africa is one of the best flower-garden subjects of recent years. The bright orange-yellow flowers glitter in the sunshine making a brilliant display from midsummer until frost. The bushy plants grow a foot high, and are a mass of bloom. They are easily grown from seed sown in the open and should have a dry, sunny position. One packet sows 12 feet.

2730—NEW HYBRIDS. The large marguerite-like blossoms are the same as those of its orange-yellow parent, but in a wonderful variety of color ranging from white through all the shades of red, yellow, orange, and salmon, many marked with different colored zones. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 75c.



New Double California Poppy
(Photograph $\frac{1}{2}$ Natural Size)



Gaillardia

GYPSOPHILA or BABY'S BREATH

2991—The annual "Baby's Breath" is most attractive when used in vases with other flowers, adding a grace that many other flowers lack.

The plants grow two to three feet high and are covered with pretty little flowers and very small fine leaves. It is easily raised and should have a place in every garden. Sow the seeds in the open ground.

The variety we offer is "Elegans Alba Grandiflora" which is the tallest in growth and the most desirable of the annual sorts.

One packet sows 30 feet of row and one ounce sows 350 feet. Pkt. 5c; oz. 25c; ¼ lb. 65c.

GOURDS

Cultivation similar to squash. The vines can be allowed to run on the ground, but gourds are usually planted where the vines can run over a fence, arbor or old tree. They are excellent climbers, and the fruit has such a variety of forms and colors that a collection of gourds is exceedingly interesting.

2982—**DIPPER GOURDS.** The fruit at one end is long and slim and bulges at the other end so it can be used for dippers. Pkt. 5c; oz. 25c.

2971—**JAPANESE NEST EGG.** Fruit white, resembling an egg in shape. Does not crack and is not injured by ordinary heat and cold. A vigorous grower and a decidedly ornamental climber. Pkt. 5c; oz. 25c.

2981—**HERCULES CLUB.** Club-shaped and about 3 feet long. The largest of the gourds. Pkt. 5c; oz. 25c.

2972—**DISH RAG or SPONGE GOURD (Luffa).** Oblong fruit of large size. Its fibrous interior can be used as a sponge. Pkt. 5c; oz. 25c.

2970—**MIXED SMALL SORTS.** A mixture of a large number of small ornamental gourds. Pkt. 5c; oz. 20c.

GAILLARDIA (BLANKET FLOWER)

2900—**DOUBLE (Picta Lorenziana.)** A very handsome double flower that makes a pretty show of color in the garden and through the late summer and autumn. The flowers are of good size and have long stems and are excellent for cutting. The colors are very bright, being mostly shades of yellow and bright red. The plants commence to flower in July and continue until November.

One packet will sow 10 feet of row. Pkt. 5c; ¼ oz. 25c.

Single Gaillardia (Grandiflora). Hardy Perennial. See page 89.

HELIOTROPE

3130—**IMPROVED LARGE-FLOWERING.** Heliotrope is a great favorite on account of its delightful fragrance and long duration of bloom, flowering equally well as bedding plants in summer or as pot plants in the house in winter.

Easily raised from seed sown in the house or greenhouse in March and the plants set in the open ground about June 1st in this locality (Western New York).

One packet should produce about 500 plants when started in boxes. Pkt. 15c; ½ oz. 40c; ¼ oz. 70c.

PLANTS of HELIOTROPE. See page 100.

KOCHIA or SUMMER CYPRESS

3190—**TRICHOPHYLLA.** A very ornamental plant which forms round bushes 2 to 3 feet high, with feathery light green leaves, changing in the fall to bright crimson, so that the whole plant looks like a ball of fire. These little bushes are very pretty at all stages of growth and are especially attractive in the fall. Makes a splendid cypress-like hedge of lively green and perfect symmetry. Very easily grown from seed sown in the open ground in the spring. Thin the plants so they stand 2 feet apart.

One packet sows 15 feet, and one ounce sows 525 feet of row. Pkt. 5c; ¼ oz. 20c; oz. 60c.

PLEASE ORDER BY NUMBER

When ordering flower seeds it is not necessary to write out the name of the varieties wanted, simply give the number, the quantity and price.



Gypsophila arranged with Delphinium



GODETIA

Very attractive and brilliant garden annuals that bear an abundance of showy flowers of satiny texture in many rich and various colors. The plant is of compact growth, about 1 foot high, while the saucer-shaped flowers which are 2 and 3 inches across are borne in such profusion as to nearly hide the plant. One packet will sow 15 feet of row.

2950—MIXED COLORS. A well balanced mixture of all sorts of pretty colors. Very satisfactory for a border to a garden. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

LARKSPUR (Annual Delphinium)

Few people realize how easy it is to raise these beautiful Larkspurs and how very attractive they are in the garden and as cut flowers.

The tall Stock-flowered varieties grow three to four feet high with spikes of large double flowers over a foot long and in many shades of color.

A row of these graceful plants with their many colored flowers is a pleasing sight. The plants are quite hardy and will continue to flower until snow flies.

The seed may be sown in the open ground in May and the plants thinned to a foot apart. These will flower in July and continue until hard frost.

One packet will sow 15 feet and one ounce will sow 375 feet of row.

3242—LUSTROUS CARMINE OR "NEWPORT PINK." A very charming variety with carmine-pink flowers which are very double. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

3246—DARK BLUE. A rich, very double dark blue. Pkt. 8c; $\frac{1}{4}$ oz. 20c.

3243—SHELL PINK. A delicate, soft pink, lighter than Lustrous Carmine. Pkt. 8c; $\frac{1}{4}$ oz. 30c.

3241—WHITE. Heavy spikes of pure white double flowers. Pkt. 8c; $\frac{1}{4}$ oz. 20c.

3245—SKY BLUE. A bright clear blue of large sized, double flowers. A very attractive shade. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

3240—MIXED COLORS. A well proportioned mixture of all different colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 50c.

PLANTS of Larkspur. See page 100.

LOBELIA

The Lobelias are a class of annuals that have not received the attention they deserve. The dainty, fine-leaved little plants grow but a few inches high and during the whole season are completely covered with the prettiest little bright blue flowers. As the seed is very fine, extreme caution should be used in sowing. Merely press the seed into very finely pulverized moist soil and do not allow it to become hard and baked. One packet will sow 18 feet of row.

3300—CRYSTAL PALACE COMPACTA. A very compact growing variety covered with a mass of pretty dark blue flowers. Especially desirable for carpet bedding and edging or pot culture. Grows about 4 to 5 inches high. Pkt. 8c; $\frac{1}{8}$ oz. 30c.

3292—SAPPHIRE. The best trailing variety and much used for hanging baskets, vases, etc. The long graceful sprays of foliage, often 2 feet long, are thickly set with pretty flowers of a deep sapphire blue with a white eye. This is one of the largest flowered sorts. If seed is sown in January, the plants will flower from June until frost. Pkt. 5c; $\frac{1}{8}$ oz. 20c.

PLANTS of Lobelia. See page 100.

LINUM (Flax)

3265—GRANDIFLORUM RUBRUM (Scarlet Flax.) A very showy and effective bedding plant. The foliage is very fine and delicate while the brilliant scarlet crimson flowers are of long duration. The flowers are about 1 inch across and the plant 1 foot high. A packet sows 8 feet and one ounce sows 225 feet. Pkt. 5c; oz. 50c.

LUPINS (Lupinus)

3310—MIXED COLORS. The annual Lupins, with their long graceful spikes of pea-shaped blooms in various colors, make a gorgeous display in large beds or borders. Easily grown from seed sown outside in May. The plant grows about 2 feet high and prefers a little shade. One packet will sow 10 feet of row. Pkt. 5c; oz. 20c.

FOR PERENNIAL LUPINS see page 90.

MARVEL OF PERU or FOUR O'CLOCKS

An old fashioned flower that is still popular. They grow anywhere and bloom continuously all summer, each plant producing hundreds of large flowers, the colors being yellow, white, red, and striped. The plants grow 2 feet tall and the flowers somewhat resemble Morning Glories.

Sow the seed in the open ground and thin out the plants to a foot apart. Useful to grow by the side of walls and fences.

One packet will sow 8 feet and one ounce will sow 100 feet of row.

3380—MIXED COLORS. Pkt. 5c; oz. 25c.



A Plant of Annual Larkspur only three months from the seed.

(Photograph $\frac{1}{8}$ natural size)

MALLOW (Lavatera)

3280—The annual Mallow or Lavatera is a charming plant, growing 3 feet high and covered all summer with large, bright colored, saucer-shaped flowers. The colors are white, pink and red. Very easily grown by sowing the seed where the plants are to remain and thinning to a foot apart. They do not bear transplanting.

One packet will sow 15 feet. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

MORNING GLORY—(Convolvulus)

Morning Glories make a very rapid growth and produce vines 10 to 15 feet high during the summer from seed sown in the spring. Very useful for covering porches, fences, or outbuildings. One packet contains about 100 seeds. One ounce will sow 75 feet of row.

3480—MIXED COLORS. Large, handsome flowers of many colors and markings. Pkt. 5c; oz. 15c.

3485—NEW JAPANESE. The Japanese have made wonderful improvements in the Morning Glory. The new Japanese varieties are of large size and the colors and markings are of remarkable beauty. The foliage is also very ornamental, being variegated, striped and marked with different shades of green and white. The vines are not quite as vigorous growers as the common Morning Glory. Pkt. 5c; oz. 20c.

3474—HEAVENLY BLUE. (Ipomoea Rubra-coerulea.) The most gorgeous blue-flowered climber. The immense flowers are a deep sky-blue, delicately shading to white in the center. Pkt. 10c.



Marigold—Double African Quilled

MIGNONETTE

A well-known fragrant flower which should be in every garden. Sowing made in April and again in July will keep up a succession of bloom from early summer until frost.

One packet will sow 12 feet, and one ounce will sow 300 feet.

3432—BISMARCK. This new Mignonette was by far the largest and best in our trials this last summer. Not only were the spikes long and heavy and the florets larger than those of any other variety, but the color was a brighter red and the plant more robust. Pkt. 8c; $\frac{1}{4}$ oz. 30c.

3433—MACHET. The plants are of a dwarf habit and produce an abundance of very large spikes of flowers, being three times as large as the common kind and continue in flower much longer. The flowers are of a red tinge and the fragrance delightful. Pkt. 5c. $\frac{1}{4}$ oz. 20c.

3434—GOLIATH. A new variety with immense spikes of flowers and very luxuriant foliage. The florets are unusually large and clustered thickly along the stem and are of a bright red color, which produces a very pleasing effect. The fragrance is powerful and delicious. Undoubtedly one of the very best varieties for house culture or open ground. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

3430—MIXED. A mixture of many varieties, including white, pink and red shades, all with large spikes of flowers. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

3429—COMMON SWEET. This is the variety so generally grown for its fragrance. The flower spikes are not so large as the other sorts, but the plant grows taller and the spikes are long. It will also withstand the hot, dry summers better than the other varieties. To scent the garden with the delightful fragrance of Mignonette or for bees, sow Sweet Mignonette. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 55c.

NIGELLA

Love-in-a-mist or Devil-in-a-bush

Very pretty annual, growing 1 to 1 $\frac{1}{2}$ feet high with fine narrow leaves among which grow large double flowers with fringed edges. Easily grown by sowing the seed in the open ground. Thin the plants to a foot apart, as they grow in a bush form. One packet will sow 10 ft.

3680—DOUBLE MIXED (Dasmascena). Large double flowers, blue and white. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

3681—MISS JEKYLL. A great improved large-flowering variety with light blue flowers. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 60c.

MARIGOLDS

Marigolds are among our most satisfactory and easily grown annual flowers. They are indispensable to the old fashioned garden. Seed sown outdoors in May will continue to make a bright display of color from August until a hard freeze.

The African varieties grow about 2 $\frac{1}{2}$ feet tall and have large double yellow and orange flowers, while the French grow only 1 foot high and have smaller flowers in various shades of yellow and brown. The African are well suited for large beds or mixed borders and the French are better adapted for bedding purposes. They all prefer light soil and full exposure to the sun.

One packet will sow 12 feet and one ounce will sow 400 feet of row.

TALL AFRICAN MARIGOLDS

3401—DOUBLE AFRICAN, LEMON QUEEN. A fine variety of soft lemon yellow color. The best yellow Pkt. 5c; $\frac{1}{4}$ oz. 25c.

3402—DOUBLE AFRICAN, ORANGE PRINCE. A very showy variety with intense golden orange flowers. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

3400—DOUBLE AFRICAN, MIXED COLORS. A mixture of the large flowered double sorts. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 70c.

DWARF FRENCH MARIGOLDS

3417—LEGION OF HONOR (Little Brownie). A dwarf compact single flowering sort that has been a popular variety for a great many years. The neat little plants are well covered from early summer until frost with bright golden flowers, each petal of which is marked at the base with a large velvety maroon spot. Sow the seed out doors in early summer and thin to about 8 inches. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

3413—DOUBLE FRENCH, GOLD STRIPED. Double flowers in great profusion. The petals are a beautiful red brown margined with bright yellow. A pleasing effect. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

3410—DOUBLE FRENCH, MIXED COLORS. Covered from the ground to the top with pretty bright colored double flowers ranging in color from rich yellow to brown. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

PLANTS of Marigolds. See page 100.

Mignonette, Goliath—(Photograph $\frac{1}{2}$ natural size)

(Photograph $\frac{2}{3}$ natural size)

NASTURTIIUMS

There is no flower more easily raised than nasturtiums and they are so graceful and of such beautiful colors that they are more largely grown than almost any other annual flower. They are beautiful in beds and borders, and are also largely grown in hanging baskets and boxes outside of windows and on balconies, and for trailing on trellises. Seed should be sown about the middle of May in this latitude.

TALL NASTURTIIUMS

3500—MIXED COLORS. Very vigorous vines growing 10 to 15 feet long if given support on which to climb; flowers of the largest size and beautiful colors. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 85c.

LOBB'S IMPROVED NASTURTIIUMS

3501—MIXED COLORS. The vines do not grow so long and rank as the common tall nasturtiums, which often entirely hide the flowers, but are covered with a mass of the most brilliant colored flowers of very graceful form. A row or bed of these nasturtiums is unsurpassed for beauty and attractiveness and will be found a constant source of pleasure. They are among the finest nasturtiums for growing in boxes or baskets, as well as for outdoor culture. Our seed includes the finest varieties, ranging in colors from very dark red to the lightest yellow. Pkt. 5c; oz. 12c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

NEW VARIEGATED-LEAVED

3503—MIXED COLORS. A new race of nasturtiums with leaves spotted and marbled with white and light green on a deep green ground, which gives the vines a very ornamental effect even without the brilliant colored flowers which of course add greatly to their beauty. The flowers are large and of many bright and pleasing colors, ranging from light yellow and pink to deep red and gold. The seed we offer includes all the best varieties in this class. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

SELECTED NAMED VARIETIES OF TALL NASTURTIIUMS

The following named varieties are among the most desirable and charming kinds. They have much larger flowers than the old type.

Price of any of the following named Tall varieties.
Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

3511—BRILLIANT. Glowing scarlet flowers and dark-leaved vines. Very handsome.

3512—JUPITER. Very large rich golden yellow flowers on vigorous vines that make a tall growth.

3513—CHAMELEON. Flowers of the largest size and beautifully marked and colored with various shades of red and yellow combined in the most attractive way.

3514—VESUVIUS. Large, deep salmon-pink flowers and reddish foliage; very handsome.

3510—SUNLIGHT. (Dunnett's Orange.) A bright clear orange and large flowers. A much admired color.

C350—SPECIAL COLLECTION. We will send one packet each of the 5 above named varieties for 20c.

DWARF NASTURTIIUMS

These varieties grow about a foot high and have flowers nearly as large as the tall growing kinds. They grow rapidly and soon form a handsome bed or border with brilliant colored flowers and handsome foliage. We can furnish varieties that have dark reddish leaves and others with green and white mottled, and plain green leaves as preferred.

DWARF, MIXED COLORS

3600—A mixture of the best colors in the dwarf class. The colors are of every shade of yellow, red and pink and the plants are very ornamental. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. 95c.

QUEEN OF TOM THUMBS.

3601—MIXED COLORS. A miniature variety with ornamental foliage, the leaves being mottled and veined with white. The flowers are of various shades of yellow and scarlet. Very useful for borders, as the plants are quite ornamental even when not in flower. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

DARK FOLIAGE VARIETIES

3602—MIXED COLORS. This is a mixture of the best varieties with dark colored leaves and bright colored flowers. Very handsome border plants. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

SELECTED NAMED VARIETIES OF DWARF NASTURTIIUMS

These varieties are carefully chosen from a long list of names and we offer these as the best of the Dwarf sorts. They are all of the large flowered type and each one a brilliant color.

Price of any of the following named Dwarf varieties.
Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

3610—RUDOLPH VIRCHOU. (Rose Queen). A very handsome wine red of a bright and rich hue.

3612—EMPRESS OF INDIA. A dark leaved sort with brilliant deep crimson flowers. Very dwarf.

3616—PEARL. An attractive cream-yellow.

3615—CRYSTAL PALACE GEM. A large clear yellow with maroon blotches.

3611—LADY BIRD. A splendid rich orange spotted with scarlet. Dark leaved.

C360—SPECIAL COLLECTION. We will send one packet each of the 5 above named varieties for 20c.

NOTICE—No special discounts of any kinds or extra packets can be allowed on the special offer of Nasturtiums. i. e. Nos. C350, C360.



"Harris' Best Pansies" (Photograph natural size)

PANSIES

There is no flower so universally known and loved as the Pansy. It has so much individuality and character and still such a marvelous variety of colors that it is forever a source of wonder and interest. Although it has innumerable uses and can adapt itself to most any condition, it is remarkably responsive to good treatment. We are taking a great deal of pains with our pansy seed with the result that it is constantly improving in quality. We are doing our best to give you the very finest pansies possible for the price.

Seed sown in the open ground in the spring will produce flowering plants in August and September and these plants may be wintered over with a slight protection of leaves for early flowers the next spring.

Seed sown in the open ground in August and September will winter over with a little protection and give blooming plants as soon as the snow goes away. In fact they often bloom under the snow.

Seed sown in the house in February or March and transplanted later will produce fine flowers all summer and fall and do fairly well the second year.

If the pansy has a cool shady situation and plenty of moisture, it will bloom vigorously all season. Although a biennial, fresh plants should be started each year.

"HARRIS' BEST" PANSY MIXTURE

3704—As the name implies, this is a mixture of the Best Pansies we can possibly obtain. The handsome flowers are the largest, many with ruffled and fluted petal. The colors are rich and bright with many solid colors of a deep velvety texture. The large flowers often measure 2½ inches across and have long stiff stems when well grown. Pkt. 20c; ⅛ oz. 95c; ¼ oz. \$1.75.

MASTERPIECE or GIANT RUFFLED

3702—These pansies are very large and the petals are frilled and ruffled to a greater extent than other kinds. The colors are excellent and the plants of great vigor, holding the immense flowers well up on long strong stems. The petals are often so large and fluted that the flowers appear to be double. Pkt. 25c; ⅛ oz. 90c; ¼ oz. \$1.75.

HARRIS' SPECIAL MIXTURE

3700—This is our own mixture especially designed for showy beds. It is made up of all large flowering sorts and in a splendid range of bright colors. It contains a good percent of light colors.

The seed is sold at a very moderate price and we do not think as good a mixture can be bought elsewhere for so low a cost. It is not a cheap mixture by any means, but a really fine one sold at a much lower price than is usually charged for one so good. Pkt. 15c; ⅛ oz. 65c; ¼ oz. \$1.25.

HARRIS' TRIMARDEAU MIXTURE

3701—MIXED COLORS. We make this high grade Pansy mixture by mixing together proportionate quantities of choicest colors of the large flowering Trimardeau pansies. This assures you of a mixture that is well balanced as to color, of large flowers and good vitality. For really good Pansies at a low price, this mixture can not be beaten. Pkt. 8c; ⅛ oz. 45c; ¼ oz. 80c; ½ oz. \$1.50; oz. \$2.75.

TRIMARDEAU OR GIANT PANSIES

3707—ORCHID-FLOWERED PANSIES. A very unique and beautiful class of pansies, distinguished particularly for their delicate and beautiful coloring and peculiar form. The flowers are of medium size and of distinct shape, the two upper petals being elongated and stand upright, and they are beautifully veined with darker shades on light ground colors. All lovers of pansies should try these. Pkt. 15c; ⅛ oz. 60c.

3734—APRICOT (New). This new Pansy is truly an extraordinary color. The soft, pleasing apricot shade is the prettiest pansy color we have ever seen. The plants are of the compact ever-blooming type. Pkt. 12c; ⅛ oz. 60c.

3731—SNOWFLAKE. A snow white pansy with flowers of the largest size and handsome form. Pkt. 10c. ⅛ oz. 40c.

3732—GOLDEN YELLOW. This is a beautiful pure yellow pansy of large size. Pkt. 10c; ⅛ oz. 40c.

3733—ROYAL BLUE. Large round flowers of an attractive blue shade. This color, in combination with the yellow and white, makes a very beautiful bed. Pkt. 10c; ⅛ oz. 40c.

3730—FAIRY QUEEN. A dainty, clear blue with a white edge. Pkt. 10c; ⅛ oz. 40c.

3710—MIXED COLORS. (Not Trimardeau) A good low priced mixture of nice pansies. Pkt. 5c; ¼ oz. 40c.

3760—VIOLA OR TUFTED PANSIES. The flowers are somewhat smaller than those of the large pansies but they bloom much more freely, especially during the hot summer months when ordinary pansies are out of bloom. For this reason they are extensively used for summer bedding in sunny positions where they cannot be watered. Mixed Colors. Pkt. 10c; ⅛ oz. 30c; ¼ oz. 50c.

PLANTS of Pansies. See page 100.



PETUNIAS

There are few flowers that give such a constant display of bright colors as the Petunia. They start to flower early in the summer and are constantly in bloom until fall. The improved large-flowering kinds are really beautiful flowers and are well worth the little extra trouble to raise.

The small flowered bedding petunias may be sown in the open ground in May. Care should be taken not to cover the seed more than necessary. The best way is to press the seed into the soil without covering at all. Thin the plants to a foot apart.

To raise the large flowering sorts whether single or double sow the seed in a box in very fine soil. The half inch on top should be put through a fine sieve. Sow the seed on surface and sprinkle lightly. Do not cover the seed. Sprinkle lightly every day.

HARRIS' PERFECTION DOUBLE PETUNIA

You can easily raise fine double petunias from our seed.

3800—It is not difficult to raise good double Petunias from seed, as the seed we now offer produces from 85 to 95 per cent good double flowers when well grown.

The flowers are delicate and of attractive coloring with remarkably beautiful lines and markings on every petal.

When transplanting the Double Petunia seedlings we find that the smaller and stubby little plants are almost always the best double while the largest and most rapidly growing plants are more liable to be semi-double to single. The small plants, however, will grow to be just as large and of better form.

These beautiful flowers are well worth extra pains required to raise them. Pkt. 50c; 200 seeds 85c; 500 seeds \$1.75; 1000 seeds \$3.00.

RUFFLED GIANTS or Giants of California

3801—These are immense flowers beautifully ruffled or fluted on the edges of the petals as shown in the photograph reproduced on this page.

The ground colors range from white to deep pink and royal purple. Each flower is veined and marked with many lines of various colors. There is usually a bright golden spot in the throat of each flower.

The plants are of vigorous growth and if set out 2 feet apart will completely cover the ground and produce a profusion of flowers all through the summer. Pkt. 20c; 200 seeds 35c. 500 seeds 65c; 1000 seeds \$1.00.

PLANTS of Petunias. See page 100.



Ruffled Giant Petunias—(Photograph 1/2 natural size)

FRINGED HYBRIDS

3803—Very charming single flowers with fringed and ruffled edges like the "Ruffled Giants," but not so large. These are beautiful petunias for beds and borders, as they produce a great profusion of bloom and are of pleasing colors, and the flowers are much larger and handsomer than the common garden sorts. Pkt. 15c; 500 seeds 45c; 1000 seeds 75c.

TRIUMPH

A New Frilled Salmon-Pink

(See illustration on the front cover)

3815—This splendid Petunia of recent introduction we consider not only the best pink Petunia but also the best self-colored single petunia. The color is a very bright shade of deep salmon-pink. The flowers are of the superbissima type and thoroughly ruffled. It is the most satisfactory Petunia that has ever been introduced. Pkt. 20c; 200 seeds 45c; 500 seeds 75c; 1000 seeds \$1.25.

SINGLE BEDDING PETUNIAS

The plants are literally covered with bright colored flowers all summer and make a brilliant display in beds or borders. The seed may be sown in the open ground or in boxes or pots. One packet will sow 10 feet of row.

3804—**SPECIAL MIXTURE.** Composed of the best named varieties of this class with handsome flowers of really fine colors, far superior to ordinary "Mixed Colors." This is a fine mixture of our own. Pkt. 8c; 1/2 oz. 25c; 1/4 oz. 40c.

3823—**ROSY MORN.** The flowers are of a most pleasing shade of light carmine pink, free from any objectionable purple shade. This is the popular pink bedding Petunia that is so much admired in porch boxes, and borders. A very dainty and effective color. Pkt. 10c; 1/2 oz. 55c.

3822—**HOWARD'S STAR.** The flowers are deep crimson with a large five-pointed white star in the center. Very handsome and one of the showiest kinds for beds, borders, etc. Pkt. 10c; 1/2 oz. 45c.

3821—**SNOWBALL.** Pure white flowers on compact, bushy plants, only a foot high. Very pretty bedding plants. Pkt. 10c; 1/2 oz. 45c.

3820—**SINGLE MIXED COLORS.** Not as good a mixture as above, but very good for the price. Pkt. 5c; 1/4 oz. 35c; oz. 95c..



Harris' Perfection Double Petunias—(Photograph 1/2 natural size)

PHLOX DRUMMONDI (Texan Pride)

Phlox makes a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Very easily raised and afford a bright display of flowers all through the summer. Sow seed in the open ground in the spring. A light soil and sunny position is best. This mixture is of the improved "Grandiflora," or large flowering strain, which produces much larger flowers than the old kind.

One packet will sow 8 feet and one ounce will sow 275 feet of row.

3860—MIXED COLORS. A great variety of the most brilliant colored and beautifully marked flowers. A bed or border of these phlox is a beautiful sight. Pkt. 5c; ¼ oz. 25c; oz. 80c.

3861—WHITE......Pkt. 5c

3862—ISABELLINA, A soft primrose yellow.....Pkt. 5c

3863—SPLENDENS, Bright red with clear white eye.....Pkt. 5c

HARDY PHLOX, See Page 91.

PORTULACA or "Moss Rose"

Often called "Sun Plant," as it loves a warm, sunny place in the garden. Does best on rich loam and sandy soil. The plants run freely but grow only a few inches high and are covered with bright-colored flowers all summer.

One packet will sow 30 feet of row.

3870—DOUBLE ROSE-FLOWERED. The finest of all portulacas. The flowers are double and resemble a small rose. Our seed is the very finest obtainable and will produce a large percentage of beautiful double flowers of many charming colors. Pkt. 12c. ¼ oz. 50c.

3880—SINGLE MIXED COLORS. A mixture of the largest and most brilliantly colored single varieties. Pkt. 5c; ¼ oz. 25c; oz. 70c.

PINKS. See Dianthus, Page 88.

RHODANTHE, See Everlastings, Page 84.



Double Carnation Poppy



Phlox Drummondii—(Photograph ½ natural size)

POPPIES

Poppies are so easily grown and present so gorgeous a display of beautiful colors and graceful flowers that everyone should have them in abundance. The flowers are much handsomer if the seed is sown in August or September and the plants allowed to stand over winter. They will then flower early in the summer.

If the stems of poppies are put in water the instant they are picked, the flowers will last well when brought into the house. One packet will sow 25 feet.

Price of any of the following: Pkt. 5c; ¼ oz. 15c; oz. 50c.

3905—ELDORADO. A new strain of handsome poppies that is commanding a great deal of favorable attention. They resemble the Shirley variety except that the flowers are ruffled double to semi-double in the pink and salmon shades. The dainty colors on long graceful stems make wonderfully pretty vase bouquets. **Mixed Colors.**

3900—SHIRLEY POPPIES. These are the most delicately colored and graceful of all poppies. The flowers are single and semi-double, and are produced on long, slender stems: but their great beauty lies in the exquisite coloring of the flowers which are of so many delicate shades of pink and rose color, often shading in a single flower from pure white to deep rose. **Mixed Colors.**

3915—AMERICAN FLAG. Large double flowers with curved fringed petals and borne on long stems. The color is a pure white at the base and shades to a bright scarlet above. One of the prettiest of the large double poppies. Of the carnation-flowered type.

3903—DOUBLE CARNATION. Immense globular flowers borne on long stems. The flowers are so double that they are as round as a ball and are of many brilliant colors.

3902—DOUBLE PEONY-FLOWERED. Immense double peony-like flowers in many beautiful colors on good robust plants 2 feet high.

3922—PEONY-FLOWERED, SHRIMP PINK. A large, double, clear, soft pink. This is the finest of the large-flowering poppies. It looks like a beautiful pink peony.

3919—DANBROG OR DANISH CROSS. Large single brilliant scarlet flowers with a pure white spot at the base of each petal which forms a white cross. Very handsome.

3921—FLANDERS POPPY. The scarlet poppy of the Flanders fields so rapidly coming into popularity since the late war.

C390—SPECIAL COLLECTION. One packet each of the above 7 varieties for 35c.

ORIENTAL and ICELAND POPPIES, See Page 91.



Salpiglossis

SALVIA or Scarlet Sage

There is no flower that can compare with Salvia in brilliancy of color and profusion of bloom.

The plants grow about 2 1/4 feet high and are completely covered with long spikes of brilliant colored scarlet flowers. Very attractive for lawns and borders and useful for cut flowers. Seed should be sown in March or April in boxes or hotbed and the plants set out in the open ground when danger of frost is over.

4600—BONFIRE. This is our own new and improved special strain of New England grown Salvia that is far superior to any other stocks we have ever had. It grows evenly as to height and is the earliest to bloom, every plant coming into bloom at the same time. The spikes are long and closely set with flowers of large size, and the plant is a veritable mass of bloom. Pkt. 12c; 1/8 oz. 45c; 1/4 oz. 80c; oz. \$3.00.

4601—SPLENDENS. Brilliant scarlet flowers borne on plants that grow 2 1/2 feet high. Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 55c; oz. \$1.75.

4602—DWARF SALVIA, ZURICH. The plants only grow about 18 inches high and are neat and compact, being completely covered with long spikes of flowers. Blooms earlier than other kinds and is especially valuable for planting in borders where the taller kinds would be too high. The flowers are of the largest size and cover the plants from August until frost. Pkt. 15c; 1/8 oz. 70c; 1/4 oz. \$1.25.

4603—FARINACEA. A pretty blue salvia that may be sown outdoors or started inside like the other salvias. The small light blue flowers are in graceful spikes held well above the foliage. It makes a fine flower to put in bouquets. Pkt. 12c; 1/8 oz. 40c; 1/4 oz. 60c.

PLANTS of BONFIRE SALVIA. See page 100.

SALPIGLOSSIS (Velvet Trumpet)

The charming Salpiglossis is at last beginning to receive the popularity it deserves. There is no annual that equals this for rare grace and beauty. Its graceful shape and velvety texture combined with its brilliancy of color make a flower of exquisite beauty.

The flowers are about three inches across and are shaped much like Morning Glories or Petunias, and are gracefully carried on slender plants about three feet high. They make marvelous cut flowers.

Salpiglossis is not so difficult to raise as people generally suppose. Seed sown in the open ground in May will flower in July and continue until frost. The difficulty in raising it is that the seed is very small and the little plants slow to grow. After the seed has sprouted, the little plants remain very small and tiny for a long time before commencing to shoot up tall and one is quite liable to become discouraged and cultivate the tiny plants out by mistake.

One packet is sufficient to sow 10 feet of row.

4506—PURPLE and GOLD. A rich velvety purple with bright golden yellow veining. Pkt. 10c.

4508—CRIMSON. A deep, dark red with the beautiful texture of rich velvet. Pkt. 10c.

4505—CHAMOIS. A lively and attractive shade of yellow handsomely veined. Pkt. 10c.

4500—IMPROVED EMPEROR, MIXED COLORS. Pkt. 5c; 1/4 oz. 35c.

SCABIOSA or Morning Bride

The Improved Large Flowering Scabiosa is a most satisfactory flower for late fall bouquets. The large double flowers are almost round and are produced on long stems 2 1/2 feet tall. Seed sown in the open ground in May will commence to bloom in August, and persist until the snow flies. They keep well in water when cut.

One packet will sow 6 feet of row.

4654—Azure Fairy

4655—Cherry Red

4653—Rose

4651—Snowball

Price of any of the above colors, Pkt. 8c; 1/4 oz. 30c.

4650—Mixed Colors. Pkt. 5c; 1/4 oz. 20c; oz. 60c.

PLANTS of SCABIOSA. See page 100.



Plant of Our Bonfire Salvia

Photographed August 15th from Seed sowed in March



SNAPDRAGON (Antirrhinum)

During the last few years Snapdragons have been so improved that they are now one of our very finest flowers. Whether wanted for the garden or for cut flowers, we know of few flowers so desirable. The long spikes of handsome, odd shaped flowers make a most graceful and attractive bouquet or garden plant.

No other flower has the beautiful colorings of the Snapdragon, ranging from pure white, pink, orange, chamois, old rose, scarlet, maroon, to purple and their combinations without limit.

If the seed is sown in the house in March and the plants set out in May, they flower in June and July and continue until late in the fall. Seed sown in the open ground early in the spring will produce plants that flower in August. If given protection, the plants will often survive and flower in the spring and early summer.

One packet will sow 12 feet of row

NEW GIANT FLOWERED SNAPDRAGONS

This is a new and distinct class of Snapdragons that far surpasses any previous introductions. The flowers are very much larger than those of the other sorts, while the spikes are larger and heavier. They are truly extraordinary Snapdragons.

- 5005—CATTLEA. The most unusual and beautiful color in Snapdragons. This new color is that attractive "orchid" shade so much admired, and yet so difficult to obtain. Pkt. 20c.
5001—CERBERUS. A charming rich carmine red. Pkt. 10c.
5002—GOTELIND. Remarkable shade of bright orange. Pkt. 10c.
5003—CHAMOIS ROSE. A handsome coppery color. Pkt. 10c.
5004—PURPLE KING. An unusual color. Pkt. 10c.
5000—MIXED COLORS. A carefully made mixture of the above colors with the addition of other new and handsome colors of this same variety. Pkt. 8c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 60c.

IMPROVED LARGE FLOWERING SNAPDRAGONS

Next in magnificence to the New Giant Snapdragons are the Improved Large Flowering variety. Although the flowers are not quite so large, they are far larger than those of the ordinary sorts and the colors are truly wonderful. After trying out from year to year, the unnumerable varieties of Snapdragons we have decided on those varieties listed below as being the finest. For long stemmed cut flowers the Tall varieties are better.

TALL VARIETIES

PRICE—Any of the following colors. Pkt. 5c; $\frac{1}{4}$ oz. 35c.

- 5037—NELROSE. A rich coral pink of unusual beauty.
5031—QUEEN VICTORIA. Pure White.
5034—FIREFLY. Scarlet with yellow throat. Very showy.
5035—GOLDEN KING. Clear Bright Yellow.
5032—VENUS. A dainty bright pink with white throat. Closely resembles the popular Silver Pink.
5036—CRESICA. Brilliant scarlet. Very attractive.
5030—MIXED COLORS. A well proportioned mixture of all the above colors. Pkt. 5c; $\frac{1}{4}$ oz. 30c.

C500—SPECIAL COLLECTION OF TALL SNAPDRAGONS. 20c.

A collection of one regular packet each of the above six Tall Varieties of our Improved Large Flowering Snapdragons for only 20c.

HALF-DWARF VARIETIES

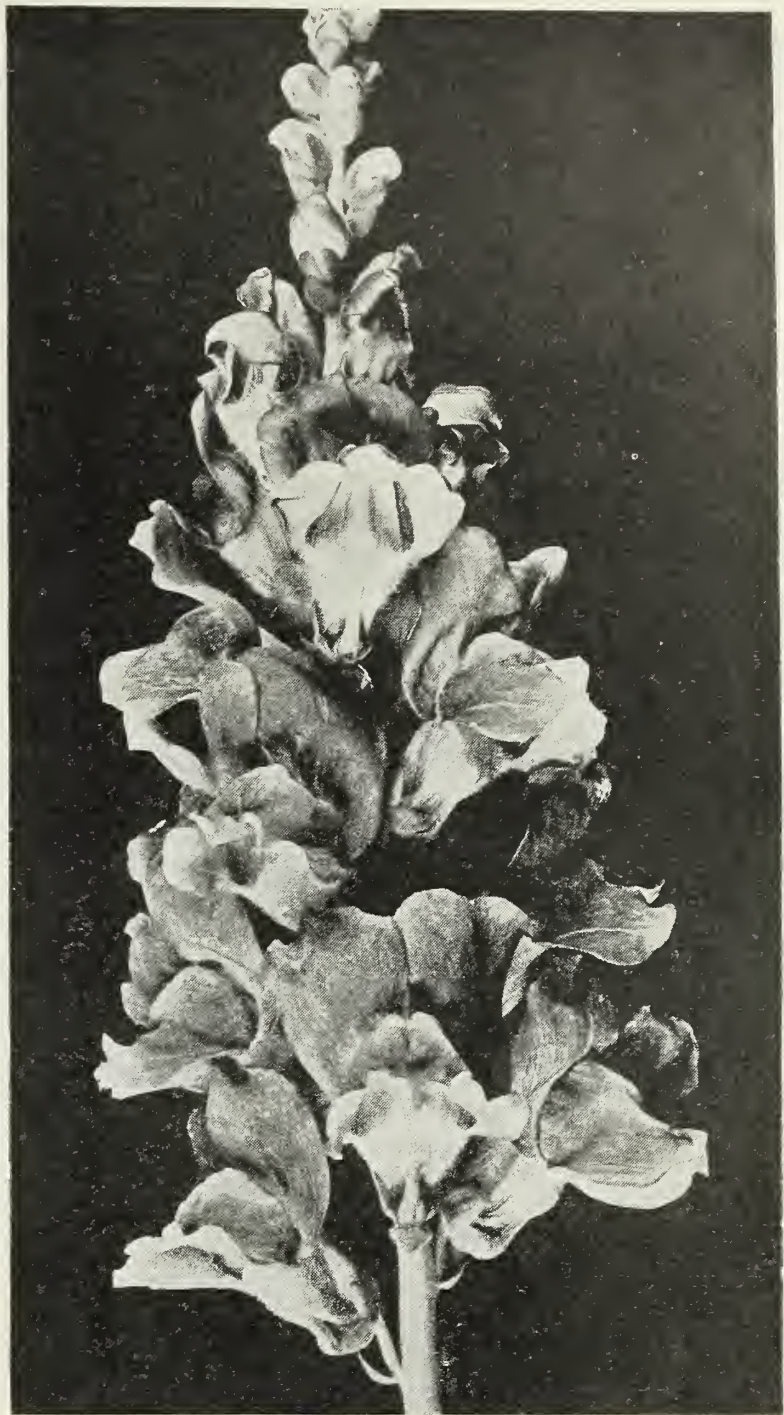
For the flower bed or border there is no finer class of Snapdragons than the Half-Dwarf. The flowers are, as a rule, a little larger than the Tall sorts and the spikes as heavy, but the plant grows more bushy, and is covered throughout a longer season with medium length flowering spikes in all the wonderful colors.

PRICE—Any of the following colors. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

- 5107—SILVER PINK. A pearly pink of unusual beauty.
5101—WHITE QUEEN. Pure White.
5105—ROSE DORE. An old rose pink.
5103—COTTAGE MAID. Coral pink with a white throat.
5106—GOLDEN QUEEN. Large clear Yellow.
5104—FLAME. Very showy bright scarlet.
5100—MIXED COLORS. A carefully made mixture of all the above colors. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

C510—SPECIAL COLLECTION OF HALF-DWARF SNAPDRAGONS. 20c.

A splendid collection of one regular packet each of the above six Half-Dwarf Varieties of our Improved Large Flowering Snapdragons at the bargain price of 20c.



New Giant Flowering Snapdragon

STOCKS

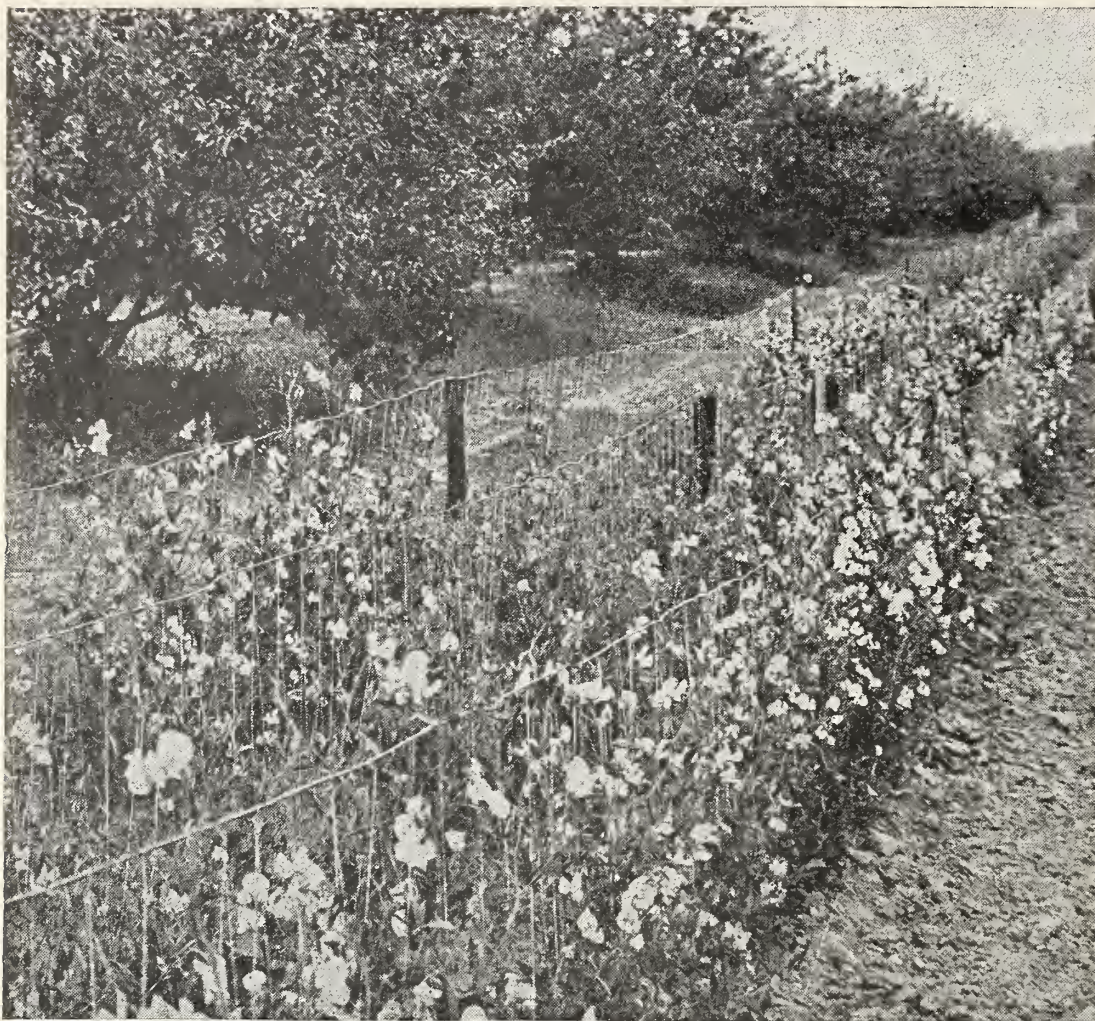
MAMMOTH FLOWERING BEAUTY

These are the early flowering Stocks used for fall blooming outside. There are a great many varieties and classes of Stocks, but after trying them all for outdoor blooming in our climate we find this particular strain of Mammoth Flowering Beauty the very best. The plants are large and the many branches completely covered with double flowers. You will enjoy raising this variety. They are the largest and most handsome of the Stocks, but to get satisfactory results the seed must be sown in the house in March. Seed sown in August and the plants placed in pots the last of October will give blooming plants during the winter. The branching plants grow 2 feet high and are covered with sprays of the sweet-scented double flowers.

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
6004—MONTE CARLO. Clear yellow	.....\$ .15	\$.45	\$.75
6002—BEAUTY OF NICE. Flesh pink15	.45 .75
6001—MONT BLANC. Pure white15	.45 .75
6003—OLD ROSE. A beautiful rosy-salmon15	.45 .75
6005—BLUE. A good light blue15	.45 .75
6000—MIXED COLORS. A mixture of the above varieties10	.40 .65

C600—SPECIAL COLLECTION. One packet each of the 5 above named varieties for 60c.

PLANTS of SNAPDRAGONS and STOCKS. See page 100.



Partial view of our Sweet Pea Trials Showing Early Flowering Varieties in the foreground. Photograph taken in July.

SWEET PEAS

Sweet Peas are too well known and too well liked to need any introduction. Without a doubt its intrinsic beauty, its great variety of colors, and its wonderful possibilities make it the most loved and interesting of flowers. For decoration in the garden or for bouquets in the house Sweet Peas can not be surpassed. They are easy to grow, responsive to good treatment, and no garden is too small for a row of Sweet Peas.

CULTURE

To get good Sweet Peas the seed should be sown as early as possible in a rich, mellow soil. If the soil is not very rich manure or fertilizer should be spaded in thoroughly and deeply. Make a trench 3 inches deep, sow the seed in the bottom and cover only one inch deep at first. As the plants grow gradually cultivate more soil in around the plants. While the plants are still very small put up a trellis so they can start climbing. During dry weather water thoroughly once a week and keep the seed pods picked off.

One ounce of seed will sow 20-25 feet of row, the seeds dropped $\frac{1}{2}$ inch apart. One packet contains 30 to 40 seeds.

EARLY FLOWERING LONG SEASON VARIETIES

A comparatively new class of Sweet Peas that is rapidly coming into favor. The flowers are large and of the same beautifully waved or frilled form as the Spencers. When planted out of doors at the same time as the Spencers, they bloom a month earlier and continue well into the season of the later flowering varieties. A combination of the two sorts gives an extremely long season of bloom. These are also the varieties used for winter flowering indoors.

PRICE of any of the Early Flowering Varieties: Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; (except where noted).

White

7001—EARLY SNOWFLAKE. The very finest white sweet pea known. Flowers are very large and produce three and four on a stem.

7016—IMPROVED SNOWSTORM. The largest white and of finest form. An absolutely pure white.

Pink Shades

7006—EARLY SONG BIRD. A most charming light blush pink for Florists' use. Very large flowers three and four on a stem.

7005—EARLY HERCULES. A very pretty shade of soft rose-pink. Large flowers freely produced on vigorous vines.

7021—ROSE CHARM (NEW). A true bright-rose that holds its color even during dry weather. The waved flowers are of the largest size and profusely borne on long stems. PRICE, Pkt. 20c; $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

7013—YARRAWA. The color is deep pink on cream ground. The effect is a very pleasing soft pink. The flowers are often $2\frac{1}{4}$ in. across and of beautiful form.

7009—Melody.

Lavender

7011—LAVENDER KING. A fine shade of lavender. This is a color that is very choice and it is rare to find the combination of such a good lavender, and such a splendid type of flower.

7019—EARLY NIGHTINGALE. A beautiful mauve-lavender of exceptional vigor and very prolific. Long stems and large flowers.

7003—EARLY SONGSTER. A new giant lavender just the color of Asta Ohn Spencer. Of large size and great beauty.

Red Shades

7010—GLITTERS. A unique and outstanding color. Far ahead of all other orange-colored sweet peas: it glitters and scintillates,

with a fire-like sheen radiating over the flowers. Magnificent by day: its color under artificial light is startling. The enormous flowers are of substantial texture and hold up well after cutting. PRICE, Pkt. 25c; $\frac{1}{2}$ oz. \$1.25; oz. \$2.25.

7007—EARLY LIBERTY. A magnificent large flower of the most brilliant crimson. It does not fade in the sun and is the finest variety of this color.

7012—FIRE KING. A scorching fire-red or cerise-scarlet.

Blue

7017—MRS. WARREN G. HARDING (NEW). A distinct shade of deep silvery blue—the color already so well known as the "Harding Blue." The flowers are of immense size with broad frilled standards and waved wings. PRICE, Pkt. 35c.

7018—BLUE BIRD. A charming shade of light blue. More of a true self color than Wedgewood and holding its color well as the flower ages. A good grower.

C700—SPECIAL COLLECTION. One packet each of the 11 varieties named above for \$1.00 (except Glitters, Mrs. Harding, Rose Charm and Songster).

Mixed Colors

7000—A Mixture of most of the above named varieties. This makes the very finest mixture of sweet peas that can be procured at any price. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 65c; $\frac{1}{4}$ lb. \$2.25; lb. \$8.00.

SWEET PEAS (continued)

SPENCER VARIETIES

The following varieties are the large waved or orchid-flowered SWEET PEAS that have been the standard of beauty for the last few years. They come into bloom a little later than the Early Flowering varieties and are splendid to sow in conjunction with them. We are offering a number of new very beautiful varieties this year, which makes this a list of the choicest Spencer Sweet Peas.

PRICE: Any of the following varieties (except where noted): Pkt. 8c; ½ oz. 25c; oz. 45c.

White

7501—CONSTANCE HINTON. A White Spencer of enormous size and fine Spencer form. The young flowers are generally tinted a trifle pink, but soon turn pure white. This is the most vigorous growing white and the most profuse bloomer.

7514—KING WHITE. A mammoth glistening white of perfect form. Not as free a bloomer as Constance Hinton, but a purer white and finer form.

7516—FLORADALE FAIRY. An exceedingly pretty creamy white. The large beautiful waved flowers with long stems are profusely borne on vigorous healthy vines.

Pink Shades

7502—HERCULES. There are other varieties of this color, soft rose pink, but none equal in size and beauty as the new Hercules. The vines are of remarkable vigor and produce a great profusion of very large flowers on long stiff stems—generally four to a stem.

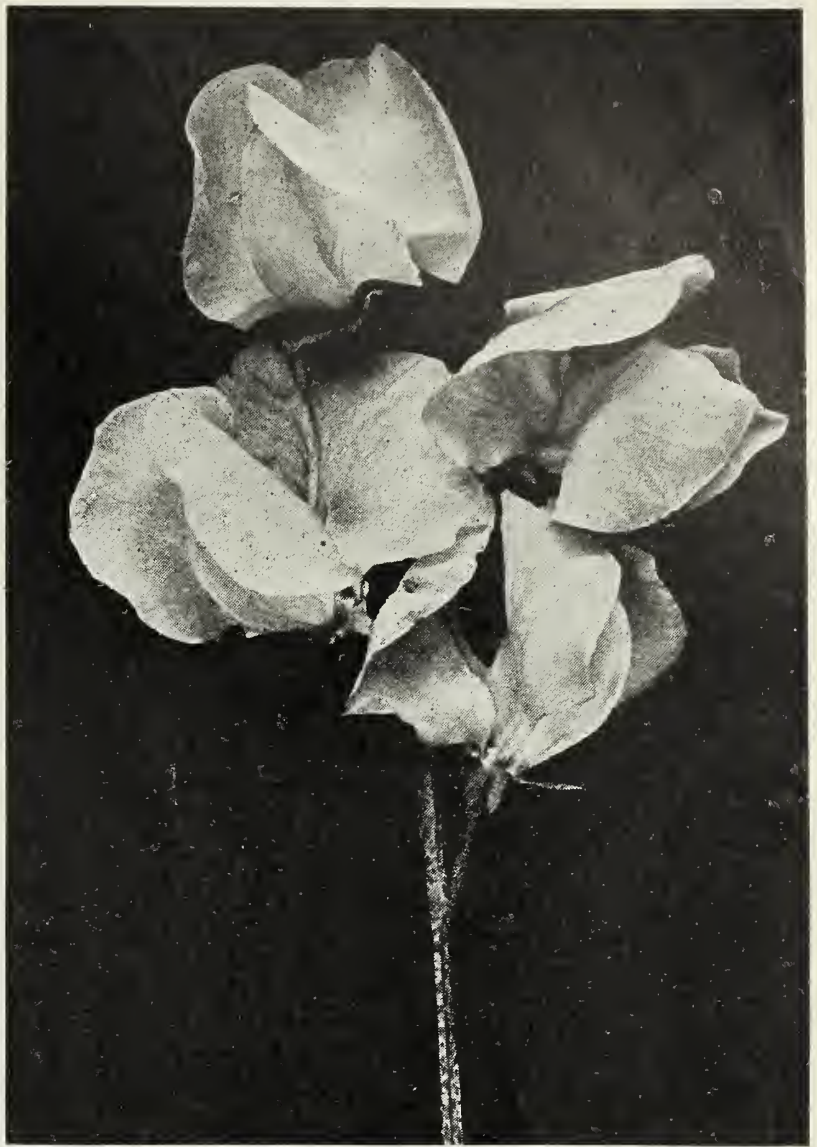
7504—MARGARET ATLEE. A rich glowing pink on cream ground, softly suffused with salmon. Of great size and exquisite form.

7507—MRS. CUTHBERTSON. A splendid bright, attractive flower. The standard is rose-pink and the wings are white, flushed with light rose.

7508—NEW MIRIAM BEAVER. A lovely soft shell-pink suffused with salmon. Immense flowers freely borne on long stems. A beautiful pink.

Purple

7513—ROYAL PURPLE. Beautiful flowers of a rich, warm purple color.



Early Flowering Sweet Peas—MELODY

Red Shades

7510—TANGERINE (NEW). The finest of the bright orange colored Sweet Peas. Although the color is a bright orange, they have a delicacy of texture that makes a very pleasing color. **PRICE:** Pkt. 15c; ½ oz. 50c; oz. 90c.

7517—THE PRESIDENT (NEW). A brilliant orange scarlet of largest size on long stems.

7509—DOBBIE'S SUNPROOF CRIMSON. This is an improved King Edward Spencer. The color is a rich crimson-scarlet that does not fade. The blooms are very large and a large percentage of the sprays are four blossomed.

Lavender

7503—MARGARET MADISON. A clear azure-blue self of mammoth size on long stems. The robust vines are profuse bloomers.

7506—WEDGEWOOD. A splendid free blooming silvery blue or clear lavender. A fine color and a leader in its class. Large flowers on long stems.

7515—HAWLMARK LAVENDER (NEW). The purest lavender yet introduced. It contains no mauve tints, but is a delicate gray-lavender. This is a decidedly new color. **PRICE:** Pkt. 25c; ½ oz. \$1.25; oz. \$2.00.

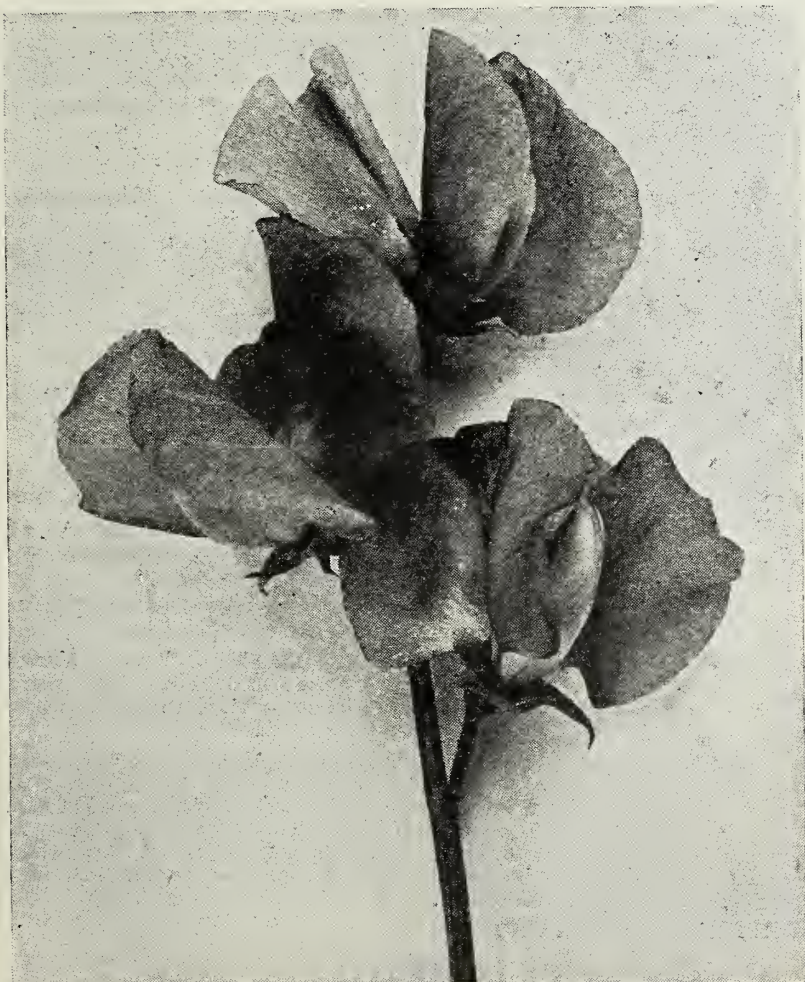
C750—SPECIAL COLLECTION of one packet each of the 12 above named varieties for 65c. (Excepting Nos. 7510 and 7515.)

Mixed Colors

7500—This is a mixture of many of the "Spencer" varieties described above, and others not listed, and are mixed so as to give some flowers of each kind and a large proportion of the best colors. This mixture is far superior to the ordinary mixed Spencer Sweet Peas grown together without much regard to varieties of color. Pkt. 5c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

GRANDIFLORA SWEET PEAS

7700—MIXED COLORS. For those who want some good mixed Sweet Peas, but do not wish to pay the necessarily high prices for the Extra Early and Spencer varieties we have an exceptionally fine mixture of the Grandiflora varieties. These are large handsome flowers and are just as pretty colors as the higher priced sorts, and this mixture is made up of the choicest and best named varieties. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.



Early Flowering Sweet Peas—ROSE CHARM



SNOW-ON-THE-MOUNTAIN

(*Euphorbia Variegata*)

5192—A very ornamental and remarkably distinct plant. Its bright green foliage broadly margined with white makes an extremely showy border plant and presents the appearance of being continually in bloom. The plants rapidly grow to about three feet high and are neat, upright plants. For some unknown reason this pleasing border plant has been neglected, yet we know of no annual that will make a more satisfactory border or edging about 3 feet high. It grows well in most any position from seed sowed in the open ground. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

SCHIZANTHUS

(Butterfly or Fringe Flower)

One of our fine annuals that should be better known. It is so well adapted for a border to beds of taller flowers, as well as for pot culture in the house or conservatory. The plants are compact, of branchy growth, 2 feet high and covered with exquisite butterfly-like flowers in a wonderful range of color.

Seed sown in the open ground in spring will make blooming plants in a few weeks and by successive sowings a continuous display may be had all season. Seed sown in the autumn will make excellent house plants for the winter.

4640—Large-flowered Hybrids. A splendid mixture of colors that will brighten the garden for a long time. Pkt. 8c; $\frac{1}{4}$ oz. 25c.

SUNFLOWERS

6190—NEW MINIATURE SUNFLOWERS. These small single flowers are borne in great profusion on plants 4 to 5 feet high, are very attractive and ornamental. The flowers are 3 inches across and in bright yellow shades. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

6195—DOUBLE CALIFORNIA. The finest double sunflower. Plants from 5 to 6 feet high and the flowers are large, deep yellow and very double. Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

MAMMOTH RUSSIAN. See page 55.

JERUSALEM CHERRY

(*Solanum Capsicastrum*)

5170—This very popular pot plant for winter decoration is easily grown from seed started inside in early spring and transplanted outdoors in May. They will be attractive in the garden throughout the summer and in the fall, before frost, they may be potted up and brought into the house where they will soon cover themselves with pretty bright scarlet, round berries. Pkt. 10c.



Snow-on-the-Mountain—(Photograph $\frac{1}{2}$ natural size)

VERBENAS

For an ideal bedder there is nothing better than Mammoth Verbenas. A graceful plant with handsome foliage and covered with large umbels of brilliant blooms in a great variety of colors, from self colors to striped.

Verbenas are particularly fine for beds, borders, mounds, window boxes, etc., or as an undergrowth to tall plants and will bloom continuously until frost.

For early spring bloom, sow under glass in February, for later flowers sow in March or April. Can also be sown in the open ground in May and they will bloom from the end of July on.

One packet will sow 7 feet.

8020—GIANT HYBRIDS. The largest Verbenas in cultivation. For some time verbenas growers have been developing an increasingly larger flower until we are now able to offer this strain of Giant Hybrids in mixed colors only. Verbenas like these are a pleasure. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

8003—SCARLET LUCIFER. Fiery red, making an especially brilliant bedder. Pkt. 10c; $\frac{1}{4}$ oz. 45c.

8001—WHITE. Pure white flowers of magnificent size. Pkt. 8c; $\frac{1}{4}$ oz. 35c.

8002—PINK SHADES. A mixture of all the different shades and combinations of pink. Very dainty. Pkt. 8c; $\frac{1}{4}$ oz. 35c.

8004—BLUE SHADES. A very delicately colored mixture of all shades of blue. Pkt. 8c; $\frac{1}{4}$ oz. 35c.

8000—MAMMOTH FLOWERING MIXED. A well balanced mixture of all the above colors and many other good ones. This strain produces large and handsome flowers. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 85c.

8019—LEMON VERBENA (*Aloysia citriodora*) A very popular tender perennial with fragrant evergreen leaves that have a pleasant, spicy odor. The sprays of flowers are also very pretty for bouquets. Sow the seed in the house in March and transplant into the garden or porch box when

danger of frost is past. Plants brought inside before they freeze in the fall will make splendid house plants. Pkt. 10c; 3 pkts. 25c.

PLANTS of VERBENAS. See page 100.

WALLFLOWERS

A half hardy annual easily grown from seed started in a box in the house. The ordinary Wall flowers have not proven successful in our climate, but we are offering a strain of seed that is extra-early flowering and ranging in color from white to blood red.

8070—Paris Extra Early Mixed. Pkt. 8c; 3 pkts. 20c.



Mammoth Flowering Verbenas

ZINNIA

(Youth and Old Age)

HARRIS' DOUBLE GIANT ZINNIAS

The Zinnia has always been one of the most popular hardy annuals, as it well deserves to be. They have long been considered the "back-bone" of the "Old-Fashioned Garden," but HARRIS' DOUBLE GIANT ZINNIAS can as well be used as the "back-bone" to the most aristocratic garden.

The rows of large, brilliant, double Zinnias growing for seed on Moreton Farm are always a cause of great admiration from our visitors.

The flowers of this strain are often 5 in. across, and perfectly double, showing practically no brown centers. The plants are of very robust growth, 2 to 3 feet high and when covered with these immense bright colored flowers are very ornamental. The flowers remain in good condition on the plant for three weeks or more after they come out.

If sown in gentle heat in March, the plants will flower the latter part of June and continue until killed by frost.

This year we are able to offer seed of this marvelous Zinnia in two separate colors, yellow and scarlet that is true to the standards of this particular strain.

8105—YELLOW. A clear golden yellow. Pkt. 10c; 1/8 oz. 55c; 1/4 oz. 95c.

8104—SCARLET. A deep brilliant red. Pkt. 10c; 1/8 oz. 55c; 1/4 oz. 95c.

8100—MIXED COLORS. A wonderful mixture of all colors. Some of the colors are remarkable and unusual. Flowers of mammoth size. Pkt. 8c; 1/8 oz. 40c; 1/4 oz. 70c; oz. \$2.50.

LARGE FLOWERING DOUBLE ZINNIAS

This strain of Zinnias is not of our own growing, but it is the best we can procure, regardless of cost. They are grown for us by a very reliable and careful grower of high grade Zinnia seed, and they are truly splendid Zinnias.

8204—SCARLET 8205—GOLDEN YELLOW

8203—ORANGE 8206—PINK SHADES

PRICE of any of the above colors. Pkt. 8c; 1/8 oz. 25c; 1/4 oz. 40c.

8200—MIXED COLORS. A mixture of only the best colors and largest flowers. Pkt. 5c; 1/8 oz. 20c; 1/4 oz. 30c.

RED RIDING-HOOD ZINNIA

8283—A very pretty dwarf Zinnia only a foot high and covered all over with little round bright scarlet flowers about an inch across and very double. A most effective plant for borders. Pkt. 8c; 1/4 oz. 25c.

CRESTED ZINNIAS

8290—Very handsome flowers with the petals crimped and twisted, giving a rather soft and fluffy effect. Mixed colors. Pkt. 8c; 1/4 oz. 30c.

PLANTS of Zinnias. See page 100.

C230—PORCH BOX COLLECTION—50c

For the porch box, window box, lawn vase, conservatory etc., we have very carefully chosen the following collection of one packet of each:

Verbenas
Begonia
Heliotrope

Trailing Lobelia
Ruffled Giant Petunias
Half-Dwarf Snapdragons

This collection would cost separately 70c and it is mailed to you for 50c.



Harris' Double Giant Zinnia

SEEDS FOR A WILD FLOWER-GARDEN

There are many annual flowers that can be grown as easily as weeds. Seed of such flowers simply scattered on the ground in a corner of the garden will make a pretty display of flowers. Of course the soil must be fairly good and free from grass and the larger weeds must be pulled out during the season.

We have made up a mixture of seeds of the hardiest annual flowers that will bloom from early summer until late in the fall. These are not wild flowers.

One packet will sow 8 square feet. An ounce will sow about 75 square feet.

8392—TALL SORTS. Growing from 18 to 36 inches high. Pkt. 5c; oz. 20c.

8387—DWARF SORTS. Growing from 10 to 18 inches high. Pkt. 5c; oz. 20c.

C240—SIX BEST ANNUALS—25c

One packet each of the following six popular annual flowers. These will sow an attractive little garden about 10 x 15 feet and are easy to raise.

Early Flowering Cosmos African Marigold
Shirley Poppies Double Giant Zinnias
Late Branching Asters Plumed Cockscomb

Mailed to you for 25c.



CLIMBING FLOWERS

Climbing flowers that grow satisfactorily, add greatly to the beauty and interest of the home grounds. There is hardly a garden where they may not be used to good advantage. The following varieties have a great deal of merit as porch or trellis vines and may be depended upon to be quite satisfactory.

To get the best results they should be started in pots indoors (except Scarlet Runner Beans) and planted out when danger of frost is past. The seed of Cardinal Climber, Moonflower, and Wild Cucumber is extremely hard and small slits should be cut or filed in the shell and the seed soaked in luke warm water for 24 hours before sowing. Do not get the water too hot.

CARDINAL CLIMBER

2315—A rapid growing vine with handsome fringed or laciniated leaves and small brilliant red flowers. The vine will grow 25 feet in a season and will cover a wide space, dotted all over with bright cardinal-red flowers. A very ornamental and useful vine for covering walls, fences or trellis.

If seed is sown in the open ground it should not be sown before May 1st. Soak the seed a few hours before planting. Pkt. (25 seeds) 10c; 3 pkts. 25c.

COBOEA SCANDENS (Cathedral Bells)

2572—A very rapid-growing climber. From seed planted in the spring the vines will very often grow 30 feet before fall, and are dotted with pretty, bell-shaped flowers, of a deep violet blue color, 1½ inches across. The seed can be planted in the open ground in May where the vines are to grow. One packet should produce about 15 plants. Pkt. 8c.; ¼ oz. 20c.

MOON FLOWER VINE (Ipomoea)

3470—A climber of rapid growth that will cover a large space to a height of 10 feet. The large heart-shaped leaves make a thick mass of foliage, and in the evening or on dull days the plants are covered with an abundance of large, white, fragrant flowers 5-6 inches in diameter. As the seed has a very hard shell, it should be soaked overnight in warm water before sowing. One packet contains about 10 seeds. Pkt. 12c; oz. 65c.

SCARLET RUNNER BEANS

4645—A rapid growing annual climber bearing sprays of brilliant scarlet pea-shaped blossoms. It grows about ten feet high, making a quick dense shade that is very useful for ornamenting porches, trellises, etc. The seed may be planted outdoors as soon as danger of frost is over. May also be used as a snap or shell bean for eating. Pkt. 10c; ½ pt. 25c; pt. 45c.

WILD CUCUMBER VINE

(Echinocystis lobata)

8058—A very useful and ornamental vine to cover a porch, wall or old trees. The vines grow with remarkable rapidity and soon cover a trellis 20 feet high and are covered with small white flowers followed by prickly seed pods which are quite ornamental. The seed should be planted very early in the spring or late in the fall. Cut small slits in the hard shell of the seed and soak in warm water for 24 hours before planting in the spring.

One packet contains about 10 seeds. Pkt. 5c; oz. 30c.

C 300—SPECIAL COLLECTION of one packet each of the five above named Annual Climbers for 30 cents.

For other climbing flowers see Sweet Peas, Morning Glories, and Nasturtiums.

ORNAMENTAL GRASSES

2930—**JOB'S TEARS** (Coix Lachryma.) A very ornamental annual plant with broad, corn-like leaves growing 3 feet high, and hard, glossy, pearly-gray colored seeds, which have a hole in them like beads. The seeds are much used for bead curtains, raffia work, etc. Pkt. 5c; oz. 10c; lb. \$1.00.

2931—**PURPLE FOUNTAIN GRASS** (Pennisetum Ruppellianum.) Long, slender, graceful, deep-green foliage with beautiful silvery plumes, exquisitely tinted with purple. A hardy perennial blooming the first year from seed, if sown inside in March. Three feet high. Pkt. 5c; ¼ oz. 30c.

2932—**BURBANK'S RAINBOW CORN.** A new ornamental corn with large, wide, variegated leaves, superbly striped with broad bands of crimson, yellow, rose, white, etc. The small, hardy seed can be planted early, and the plants present their rich tropical beauty for a long season. Pkt. 10c; oz. 25c.



Helichrysum—(Photograph ½ natural size)

EVERLASTINGS

The class of flowers called "Everlastings" have been gaining a great deal of popularity during recent years. They are all "old-fashioned" flowers that were better known years ago than they are now. The flowers should be picked for drying before they are fully open.

As seed of all "Everlastings" is slow to germinate it is well to sow quite shallow and carefully.

ACROLINIUM

Free-flowering "Everlasting" bearing pretty white and pink double flowers. One packet sows 8 feet of row.

2000—Double Mixed Colors. Pkt. 5c; ¼ oz. 25c; oz. 75c.

HELICHRYSUM (or Strawflowers)

These annual Everlastings or "Strawflowers," are easily grown from seed sown in the open ground in the spring, and are covered with handsome, large, double flowers; the colors ranging from pure white to deep red. Plants 3 feet high. One packet will sow 15 feet of row. Each color. Pkt. 8c; ¼ oz. 35c; oz. 80c.

3072—RED

3073—VIOLET

3074—YELLOW

3071—WHITE

3070—MIXED COLORS. Pkt. 5c; ¼ oz. 25c; oz. 75c.

PLANTS of Helichrysum. See page 100.

RHODANTHE

A charming annual "everlasting" about 1 foot high. They flower early and continue for a long time. The pretty bell-shaped flowers are borne in sprays. The plant prefers a warm sheltered situation and rich soil. One packet will sow 5 feet of row.

4200—MIXED COLORS. Pkt. 5c; ¼ oz. 25c.

XERANTHEMUM

8080—This is one of the oldest and prettiest of the "Everlasting" flowers. It is the one often called "Immortelle." It grows 2 to 3 feet high from seed sown in the open ground and bears an abundance of bright rose, purple and white flowers. One packet will sow 10 feet. Pkt. 5c; ¼ oz. 30c.

C 307—SPECIAL COLLECTION of one packet each of the above four named "Everlastings" for 15 cents.

HARRIS' HARDY PERENNIAL FLOWERS



Hardy Perennials Growing on Moreton Farm, Showing Delphinium Bella Donna, Lychnis, Coreopsis, and Sweet William, Scarlet Beauty in the foreground.

Growing Hardy Perennial Plants and Seeds on Moreton Farm

We are now one of the largest growers of high grade perennial plants and seed in Western New York and every year we are adding many new and choice varieties. All varieties we offer have real merit and are satisfactory to raise in the latitude of New York State. There are many varieties often listed that have a nice long name, but are actually of no merit what-ever. As we find such varieties in our trial grounds we immediately discard them and they are never cataloged.

We would like to have all of our customers visit Moreton Farm and see these perennials in bloom and growing, both for plants and seeds.

On the following pages we are offering our choice varieties as selected from a long list of Hardy Perennial Flowers, both plants and seeds, and we have carefully chosen such varieties as may be successfully handled in the spring of the year. As most perennial plants do best if transplanted in the early fall, we do not offer a complete list of our hardy plants on these pages, and we advise very early planting of those we do offer. All varieties of which we are offering seed are sorts that we can grow satisfactorily from seed on Moreton Farm. There is no reason why, with a little care, anyone cannot get excellent results with these Perennial seeds.

All Perennial Plants and Bulbs are sent to you by Parcel Post, Pre-paid at the prices given and there is no additional charge postage.

AQUILEGIA (Columbine)

The graceful and beautiful flowers growing on long stems are very showy in early summer while for the balance of the season the large clumps of delicate foliage are very attractive. Single plants, if left undisturbed in the hardy border, in two or three years grow to be large clumps. While they will do well in most any position they greatly prefer partial shade and much moisture.

The seed may be sown in the open ground where the plants are to remain. However, the best way is to sow the seed in a box where it can be kept shaded and moist and as soon as large enough, transplant to the garden. It must be remembered that the little plants are very slow growers the first year, but once established will rapidly increase in beauty and size year after year. One packet sows 6 feet of row.

SEED

2070—MRS. SCOTT ELLIOTT'S LONG SPURRED STRAIN.

The very best strain of long spurred Columbines grown. A choicest selection of varieties with the longest spurs and most delicate colors. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

2071—CHRYSANTHA. Large, long spurred, canary yellow flowers and a very profuse bloomer. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

2072—COERULEA. (Rocky Mountain) One of the most attractive varieties, the flowers being blue and white, of large size with long spurs. Pkt. 8c; $\frac{1}{8}$ oz. 40c.

2073—CANADENSIS. The bright red and yellow native American Columbine. The brightest one. Pkt. 8c; $\frac{1}{8}$ oz. 30c.

PLANTS

The plants we offer are of Mrs. Scott Elliott's Long Spurred Strain—the very best strain of long spurred Columbines grown. Plants: 25c each; \$2.00 per doz.

ASCLEPIAS, Butterfly Weed

TUBEROSA—Very attractive native plants, flowering during July and August, and growing about 2½ feet high. Umbels of bright orange-colored flowers. Each 20c; Per Doz. \$1.75.



Mrs. Scott Elliott's Long Spurred Aquilegia
(Photograph $\frac{1}{2}$ natural size)



ACHILLEA (Double Sneezewort)

2006—**PTARMICA, "The Pearl"** The Plants are 2 feet high and are covered from June until October with a great profusion of small double pure-white flowers in clusters. It is a most satisfactory plant for borders and also for cut flowers. The plants are perfectly hardy and will increase and spread rapidly.

SEED only: Pkt. 15c; $\frac{1}{8}$ oz. 85c.

PTARMICA, DOUBLE, "BOULE DE NIEGE." This is the new variety resembling the well-known Achillea "Pearl," but a distinct improvement. The flowers are more full than the Pearl and appear more nearly clear white; hence its name "Boule de Nieve" (Ball of Snow).

PLANTS ONLY: 20c each; \$2.00 per doz.

ANCHUSA (Alkanet)

2040—**ITALICA, Dropmore Variety.** The rich blue color of the flowers of this tall growing summer flowering perennial makes it one of the leading border plants. The well branched plants reach a height of 5 ft. and during June and July are well covered with small gentian blue flowers. Its most pleasing position is mingled in with the tall shrubbery or along the back ground of the hardy border, preferably in a sunny position.

Grows very easily from seed sown where plants are to remain. One packet will produce about 50 plants.

SEED: Pkt. 5c; oz. 30c.

PLANTS: 15c each; \$1.00 per doz.

ANTHEMIS (Hardy Marguerite)

2045—**KELWAYI.** The bright clear-yellow, daisy-like flowers are produced all summer on good clean stems about one and a half feet long.

One packet will sow 20 feet of row.

SEED: Pkt. 5c; $\frac{1}{4}$ oz. 25c.

PLANTS: 15c each; \$1.00 per doz.

ARABIS (Rock Cress)

2080—**ALPINA.** One of the best early spring edging or rock garden plants. Growing but a few inches high, it forms a dense carpet of pure white flowers the first thing in the spring.

SEED ONLY: Pkt. 8c; $\frac{1}{4}$ oz. 30c.



Chinese Lantern



Achillea, Boule de Nieve

AGROSTEMMA (Rose Champion)

2008—**CORONARIA (Mullen Pink).** An old garden favorite; the bright rich crimson flowers contrasting pleasingly with the silvery white foliage. It is sometimes called "Lamb's Ear."

One packet will sow 15 feet of row.

SEED: Pkt. 10c. PLANTS: 20c each; \$1.50 per doz.

ALYSSUM (Basket of Gold)

2025—**SAXATILE COMPACTUM.** A beautiful low growing hardy Alyssum for early bedding or edging a flower border. In general appearance it resembles the annual Sweet Alyssum, except that it is deep pure yellow. One packet will sow 15 feet of row.

SEED: Pkt. 8c; $\frac{1}{4}$ oz. 30c. PLANTS: 15c each; \$1.00 per doz.

ARMERIA (Sea Pink or Thrift)

2081—**Formosa.** Dwarf plants about 9 inches high, growing as tufts of bright evergreen foliage making an excellent subject for the rockery or low edging. The bright pink flowers appear more or less from early spring until late fall. The seed may be sown outside in the spring in the place where the plants are to remain and they will bloom the second year. We have both plants and seed.

SEED: Pkt. 10c; 3 pkts. 25c. PLANTS: 20c each; \$2.00 per doz.

ASTER, Mauve Cushion

A new hardy Aster of unusual merit. It grows as a small, ball-shaped bush about 1 foot high and during late summer and fall is covered with single pink flowers about 1 inch across. It is a fine plant for the edge of border. PLANTS ONLY: 25c each; \$2.50 per doz.

BOLTONIA (False Camomile)

2178—**LATISQUAMA.** A tall growing perennial resembling the Hardy Aster or Michaelmas Daisy. It is a little later than the Aster, growing about 5 feet high and thoroughly covered with large, rosy-lavender flowers with bright yellow centers. The flowers, which are borne in profusion through August and September, are excellent for bouquets.

SEED: Pkt. 10c. PLANTS: 25c. each; \$2.25 per doz.

CHINESE LANTERN PLANT (Physalis)

3983—**FRANCHETI.** An interesting hardy plant producing an abundance of bright scarlet lantern-like fruits that can be picked and kept for winter decoration. These are often seen in bouquets of everlasting flowers. The plant is about 2 ft. high, growing rapidly in any good garden soil.

SEED: Pkt. 10c. PLANTS: 15c. each; \$1.00 per doz.



Hardy Garden Chrysanthemums

BELLIS or ENGLISH DAISY

These pretty little daisies are quite hardy and need only a little protection of leaves or litter. They are especially desirable for edges of border or flower beds, as they are only 6 to 8 inches high. They are among the earliest flowers to bloom in the spring and continue until August.

The *Monstrosa* varieties have larger flowers but do not bloom quite as freely.

2151—MONSTROSA, GIANT WHITE. Large double pure white flowers. Pkt. 12c.

2152—MONSTROSA, GIANT RED. Large, bright red double flowers. Pkt. 12c.

2150—MONSTROSA, GIANT MIXED COLORS. A mixture of red, white and pink. Pkt. 10c; $\frac{1}{4}$ oz. 85c.

2140—DOUBLE MIXED COLORS. A mixture of white, pink and red double flowers about one inch across. Very free blooming. Pkt. 8c; $\frac{1}{4}$ oz. 50c.

HARDY CHRYSANTHEMUMS

These small, hardy varieties produce a great profusion of blooms late in the fall after most other flowers have been killed by frost. They are very effective on the plant and are fine as cut flowers.

The plants may be taken up, placed in large pots or tubs in the house during the winter and will flower for a long time. Plants left in the open ground will usually come through the winter all right, and form large clumps increasing in size each year.

Plant in a sheltered spot, such as by the side of a wall or building with a southern or eastern exposure if possible.

These varieties are selected for their hardiness and sureness of bloom in our northern climate. There are only a few varieties of Pompon Chrysanthemums that will surely bloom and are hardy enough to withstand our severe winters and this list is the result of many years of experience.

Our plants are all field grown and large enough to bloom well the first year.

TERRA COTTA. A small button-flowered sort, the flowers being only $\frac{1}{2}$ to $\frac{1}{4}$ of an inch across, and the color a brilliant Chinese orange.

SMALL WHITE. Flower small and slightly tinted with orange.

AMELIA. Flowers about one inch across and an attractive color of yellow and Morocco red.

QUEEN OF THE WHITES. A large fluffy pure white. The flowers about 2 inches across.

MAGENTA. Of a Tyrian rose color and medium size.

CANARY. A clear canary yellow. $1\frac{1}{2}$ inches across. This is the best yellow pompon.

Price of any of the above plants: 25c. each; \$2.00 per doz.

CANTERBURY BELLS

(Campanula Medium)

2220—SINGLE MIXED. Canterbury Bells are not, strictly speaking, perennials, but are hardy biennials flowering the second year from seed sown in the open ground. They may also be treated as annuals by sowing the seed indoors in early spring and setting out the young plants the first half of May. These will give some flowers the first year, but do better the second. They will do well in any garden soil, but prefer a little shade and slight protection of course litter in the winter. To have a good showing of Canterbury Bells every year new plants should be set out each season.

SEED: Pkt. 5c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

PLANTS: 15c. each; \$1.60 per doz.

2240—DOUBLE MIXED COLORS. SEED ONLY. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

2230—CUP AND SAUCER. (C. Medium Calycanthema). The flowers of this variety differ from the ordinary single type in having a very large calyx which looks like a saucer for the cup-like center. Mixed Colors.

SEED ONLY: Pkt. 8c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c.

"The plant order was received in fine condition." Lewis Atwood, Avoca, N. Y.



Canterbury Bells



Delphinium—Moreton Hybrids

DELPHINIUM (Hardy Larkspur)

The tall and stately Delphiniums are among the most beautiful and picturesque of all hardy border plants. Growing to a height of 4 to 6 feet the many immense spikes of beautiful flowers in every imaginable shade of blue add more beauty to the garden than any other one perennial. They easily adapt themselves to any position.

Used as a background to a border by planting 2 ft. apart in a row or planted in groups at intervals, or associated with shrubbery, the Delphinium can be relied upon to be entirely satisfactory. A succession of flowers may be had throughout the entire season if the spikes are cut back as they finish flowering. Very easily raised from seed sown in the open ground or in boxes and later transplanted. Seed sown outdoors in early spring will commence to bloom in September. One packet of seed will sow 10 feet of row.

2640—MORETON HYBRIDS. A wonderfully fine strain of these tall growing Delphiniums selected for vigorous growth and pretty shades of blue. The colors range from single dark blue with white to double light blue and pink. SEED: Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

PLANTS: 25c each; \$2.00 per doz.

2645—BELLA DONNA. This is the beautiful light blue Delphinium so universally admired. The flowers, which are distributed so gracefully along the tall stems, are a very pretty shade of clear turquoise blue. SEED: Pkt. 12c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

PLANTS: 30c each; \$2.75 per doz.

BLUE BUTTERFLY (Delphinium Chinensis). A distinct variety of spreading habit and fine feathery foliage, and producing graceful sprays of white or blue flowers, grows $1\frac{1}{2}$ to 2 feet high, and will flower the first year from seed sown out doors in the early spring.

2652—BLUE, or 2651—WHITE.

SEED: Pkt. 8c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

PLANTS: 20c each; \$1.75 per doz.

BUDDLE YA or BUTTERFLY BUSH

A flowering shrub that bears all summer large tapering clusters of sweet-scented flowers, somewhat resembling a Lilac in form. It is sometimes called "Summer Lilac." It is very vigorous growing and a very prolific bloom, requiring the same protection as roses during the winter. The flowers are so sweet-scented that it attracts the butterflies, hence the name "Butterfly Bush." PLANTS: 25c each; \$2.25 per doz.

CENTAUREA (Cornflower)

2359—MONTANA (Blue). One of the hardiest and most easily grown perennials. It grows about 2 ft. high and is of a spreading habit. The large violet-blue flowers are among the first to appear in the spring and bloom for at least three months. If cut back it will bloom again in the fall. Although the individual specimen is not so attractive, they are pretty in the mass.

SEED: Pkt. 8c; $\frac{1}{4}$ oz. 30c.

PLANTS: 20c each; \$1.50 per doz.

CERASTIUM (Snow-in-Summer)

2390—TOMENTOSUM. A desirable low growing perennial with silvery foliage suitable for the rockery or carpeting in dry sunny situations. Is very good for covering graves. Has white flowers in June.

SEED: Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 70c.

PLANTS: 15c each; \$1.00 per dozen.

COREOPSIS

Lanceolata Grandiflora (Yellow)

2440—Lanceolata Grandiflora (Yellow). A grand hardy flower that succeeds everywhere and blooms all summer and fall. The flowers are two inches across, bright golden yellow. They grow on long, graceful stems and are very handsome on the plant, as well as for cutting. They will last a week after being cut. The plant grows 2 to 3 feet high and in two years forms a large clump.

SEED ONLY: Pkt. 5c; $\frac{1}{4}$ oz. 25c.

SHASTA DAISY

4670—ALASKA. This new daisy originated in California and has met with great popularity. The flowers are like the wild Marguerites, but very much larger, often measuring four inches across with long overlapping petals of the purest white. They are produced well above the plant on graceful stems 2 feet long, making handsome flowers for vases and decorations. Although they will stand much neglect, for best results they should be kept well watered and mulched during the growing season. Plant in a sunny position. Seed may be sown in the open ground or in boxes and later transplanted. SEED: Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c. PLANTS: 20c each; \$1.50 per doz.

HARDY GRASS OR SPICE PINKS

(Dianthus Plumarius)

2700—DWARF DOUBLE PINKS. Mixed Colors. These hardy, fragrant Pinks, were always to be found in the old gardens, and are still great favorites. The flowers are double, of a rich spicy fragrance and produced in great abundance above a dense tuft of grass-like, bluish green leaves. Though the blooming period is from mid-May to July 1st, the neat and persistent foliage is attractive the entire year. The plants are about 1 ft. high, perfectly hardy and of the easiest culture in any good garden soil. They should be planted in the full sun and will endure a considerable amount of drought. For best results they should be divided every three years. Sow seed in the position where the plants are to remain. SEED: Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

PLANTS: 15c each; \$1.00 per doz.

HYBRID SWEET WILLIAM

(Dianthus Latifolius atrococcineus fl. pl.)

2709—This splendid new Dianthus is a cross between the annual Pink and Sweet William and has acquired the best qualities of each parent. The flowers are the style of the Double Chinese Pink while the plants are taller growing and perfectly hardy. The flowers are a brilliant crimson and are borne in great profusion throughout the entire season. We class this as one of the finest perennials as well as one of the very best introductions of recent years. The flowers are fine to cut and keep for a long time in water. Seed sown outdoors in early spring will commence blooming first year, but will be at its best the second and third years. SEED ONLY: Pkt. 10c; $\frac{1}{4}$ oz. 50c.

DIGITALIS (Foxglove)

2720—Gloxinaeflora. Sometimes called "Thimbles," "Fairy Cap," or "Lady Fingers." The tall stately spikes of these old-fashioned flowers add such a dignity to any garden that they will always increase in popularity. The large tubular spotted flowers, varying from deep pinkish-purple to white, droop from long pointed terminal spikes on stems 3 to 4 feet high. If the seed is allowed to ripen before cutting off the stalks, they will self-sow and in that way perpetuate themselves. Mixed colors. SEED: Pkt. 5c; $\frac{1}{4}$ oz. 30c.

PLANTS: 15c each; \$1.00 per doz.



DICENTRA

EXIMIA (Plumy Bleeding Heart). A dwarf-growing sort, with beautiful finely cut foliage and showy racemes of pretty pink flowers throughout the season. Too much cannot be said for this fine border plant as it is equally at home in full shade or sun and perfectly hardy anywhere. This variety of Bleeding Heart is the only kind which will replace the Spectabilis which is so hard to get. Will grow in any climate under any condition. **PLANTS:** 30c each; \$2.75 per doz.

EUPHORBIA—Milk Wort

COROLLATA (Flowering Spurge). A most showy and useful native plant growing about 18 inches high, and bearing from June till August umbels of pure white flowers with a small green eye. 20c each; \$1.75 per doz.

ERYNGIUM or SEA HOLLY

AMETHYSTINUM. The true blue Thistle, with amethyst stems and bracts. Very decorative in the hardy border, and useful for dry bouquets in winter. 25c each; \$2.25 per doz.

ECHINOPS (Globe Thistle)

2765—RITRO. Tall growing, thistle-like plants with ornamental foliage and large, globular heads of metallic blue flowers, which can be dried and kept. **SEED:** Pkt. 5c; ¼ oz. 25c. **PLANTS:** 25c each; \$2.50 per doz.

FUNKIA (Plantain Lily)

SUBCORDATA. The White Day Lily. The broad, pale green foliage surmounted with spikes of large snow-white flowers are, indeed, a beautiful adornment around the corners of buildings, bordering walks and drives, and as single specimens on the lawn or in the border.

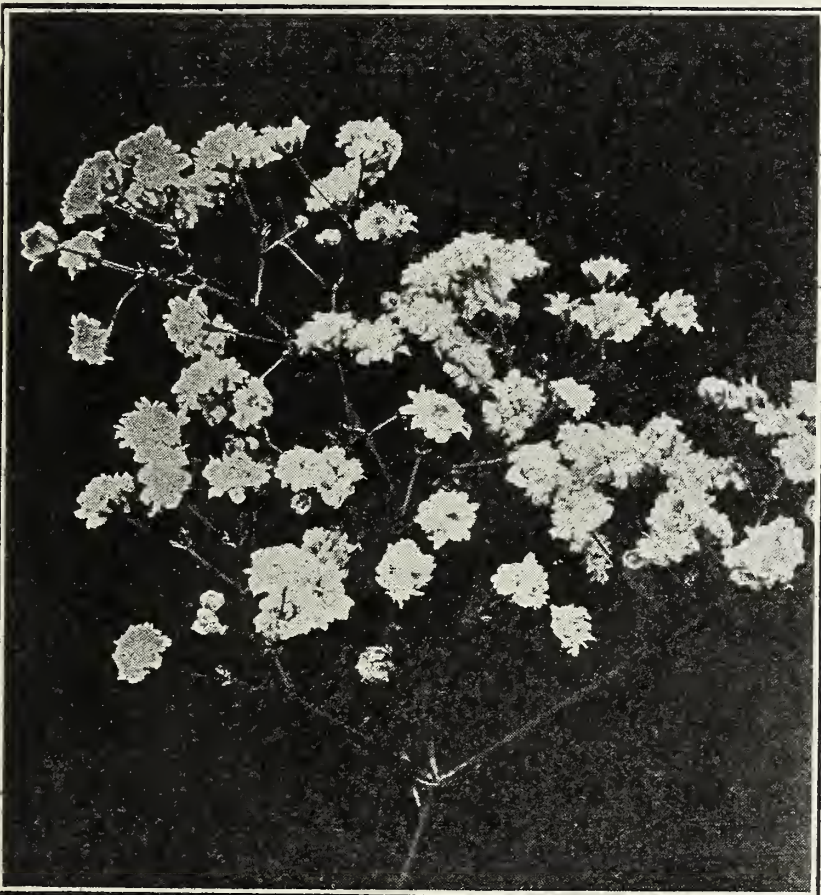
PLANTS ONLY: 30c each; \$2.50 per doz.

GAILLARDIA (Blanket Flower)

2910—GRANDIFLORA. The hardy single Gaillardia are easily raised in any light, well-drained soil, even though poor and dry. They should, however, be given full exposure to sun and air. The large daisy-like yellow and maroon flowers are borne continually from June until late in the fall on long erect stems two to three feet high. These most graceful flowers are valuable for cutting as well as for massing in the border. Grows rapidly from seed sown in the open ground where the plants are to remain.

SEED. Pkt. 5c; ¼ oz. 25c.

PLANTS: 15c each; \$1.00 per doz.



Gypsophila Double



Gaillardia

GYPSOPHILA (Baby's Breath)

For a white billowy mass the Hardy Baby's Breath is well known. It imparts an airiness to both garden and bouquet and the tiny white flowers, borne in myriads on such slender stems appear as clouds floating in the air. Unlike the annual variety, it grows about 3 feet high.

2995—PANICULATA. Very pretty, small, pure white, single flowers. Very effective when grown among other flowers or arranged with them in the bouquet. **SEED:** Pkt. 5c; ¼ oz. 25c;.

PLANTS: 15c each; \$1.25 per doz.

PANICULATA fl. pl. The flowers of this variety are pure white and double and it is the most desirable sort. The flowers when cut will last for months. It is very hard to obtain these plants as it was necessary to import the young plants from Europe. We have a splendid stock of 5 year old roots that will give great satisfaction.

PLANTS: \$1.25 each; \$12.00 per doz.

HELIOPSIS or HARDY ZINNIA

EXCELSA. Bushy perennials three to four feet high, lavishly covered with charming 2 inch double flowers during six weeks of mid-summer. The color is chrome yellow, bleaching to clear yellow as flower matures. 25c each; \$2.50 per doz.

HEMEROCALLIS or Yellow Day Lily

Lemon Lilies, or Hemerocallis flava, have long been favorites in our gardens, and are always included in any list of the most popular hardy plants. The tall, graceful, grass-like foliage is very handsome and sets off the charming, lily-like flowers very effectively. They look particularly well naturalized along streams or on moist banks, and will thrive most luxuriantly in partial shade.

FLAVA. Lemon Lily. Sweet scented, clear full yellow. 2½ feet. Flowers in June. 20c each; \$2.00 per doz.

THUNBERGII. Much like Flava, but flowers in July, a month later, and 6 to 10 inches of the upper portion of the flower scapes are thickened and flattened. 20c each; \$2.00 per doz.

HIBISCUS (Sea Hollyhock)

MALLOW MARVELS. A greatly improved form of the native Marsh or Rose Mallow. The large open flowers are like single Hollyhocks, 4 to 8 inches across and in all shades from white to dark crimson. The flowers are arranged, in the manner of Hollyhocks, along vigorous graceful stalks 4 to 6 feet tall.

SEED. 3365—CRIMSON EYE, 3361—WHITE, 3364—RED, 3362—PINK, 3360—MIXED COLORS. Any color. Pkt. 8c; ¼ oz. 30c; oz. 90c.

PLANTS, Mixed colors only: 15c each; \$1.00 per doz.

NOTICE

In comparing our prices please bear in mind that all of our flowering plants are mailed to you postage Prepaid.



Bearded Iris—Lohengrin

BEARDED IRIS (Iris Germanica)

This is the group best known and most commonly cultivated. The flowers are the true fleur-de-lis and they fairly outrival orchids in delicacy of structure and wide range of coloring. As they bloom in May, the most favorable time for planting is during August and September and a dry and sunny location suits them best.

The first five named varieties are of the Pallida type. They are all exceptionally tall strong growers with large ruffled sweet-scented flowers in handsome shades of blue, lavender and purple. "S" refers to "styles" or upright petals, and "F" to "falls" or drooping petals.

PALLIDA DALMATICA. A clear light lavender-blue. The flowers are very large with broad, ruffled petals. A great favorite. Price: 25c each; \$2.00 per doz.

QUEEN OF MAY. Large flowers of an attractive orchid shade. The broad, well ruffled petals are a clear, light amethyst blue. The most admired in our collection. Price: 20c each; \$1.75 per doz.

LOHENGRIN. Large ruffled flowers somewhat darker than P. Dalmatica. The petals are nearly white at the base, shading to deep purple at the edge, giving a general color of lobelia blue. Price: 20c each; \$1.50 per doz.

HER MAJESTY. A medium sized "red" that is an attractive and lively color.

S. Mauve pink; F. white heavily penciled deep purple. Price: 20c each; \$1.50 per doz.

PERFECTION. A good vigorous growing blue with broad, ruffled petals. S. clear lobelia blue; F. Violet purple-striped white. Price: 15c each; \$1.25 per doz.

MME. CHEREAU. An early, tall white with good sized, well ruffled flowers of a snappy appearance. S. and F. white edged with aniline blue. Price: 20c each; \$1.50 per doz.

HONORABILIS. A bright and attractive yellow. S. golden; F. rich mahogany-brown. Price: 15c each; \$1.25 per doz.

MRS. H. DARWIN. A free flowering pure white, falls slightly penciled at base. Price: 20c each; \$1.50 per doz.

MIXED COLORS. A splendid well balanced mixture of many colors. Price: 15c each; \$1.00 per doz.

SIBERIAN IRIS

The most delicate and elegant of the small-flowered Irises.

This excellent Iris comes into bloom between the Bearded and German Iris and the Japanese Iris. It resembles our wild Iris in form, the ivory white flowers borne in heads of three or more on long slender stems two to three feet high. The long thin leaves form a dense grass-like tuft to the persistent bright green which endures throughout the season, making it a desirable plant for the herbaceous border or naturalizing. The flowers are excellent for cutting. The roots should be planted quite deep.

Plants: 15c each; 75c per doz.; \$6.00 per 100.

JAPANESE IRIS

The secret of success with these most gorgeous of Irises, is to keep the ground well stirred, never allowing it to bake or become hard. Any mellow loam will grow Japanese Iris to perfection if well enriched. They like plenty of moisture in summer, but it is not a necessity and water standing over the plants in winter is fatal to them.

Plants: Mixed Colors: 20c each; \$1.50 per doz.

HEUCHERA (Coral Bells)

3143—Compact growing plants of easy culture with erect spikes of bright scarlet, bell-shaped flowers in graceful panicles. One of the best of the scarlet perennials. Very desirable for the front of the border, rockery or for cut flowers. Grows 1½ to 2 feet high and blooms during July and August. As the seed is very small and slow to grow it must be carefully sown in a box of finely pulverized soil and kept partially shaded until large enough to transplant.

SEED: Pkt. 10c.

PLANTS: 25c each; \$2.25 per doz.

HOLLYHOCKS

The Hollyhock is one of the very oldest of cultivated flowers, having been in cultivation in China when first brought to the attention of Europeans. Since then there has been wonderful development in doubleness and colors and the admiration for the Hollyhock has steadily increased.

Its best position is in hardy plant groupings or in groups alone where it makes a fine show during July. It should, as a rule, not be planted among the shrubbery as the Hollyhock needs light on its lower leaves.

CHATER'S SUPERB—Double. A magnificent strain of hollyhock. The flowers are of the largest size, perfectly double, and grow close together on the stem, forming a long spike of the most beautiful flowers. These are undoubtedly the finest double hollyhocks grown.

3102—NEWPORT PINK.

3105—YELLOW.

3104—RED.

3100—MIXED COLORS

SEED: Each Color. Pkt. 8c; ¼ oz. 35c.

PLANTS: Mixed Colors Only. 15c each; \$1.00 per doz.

3115—ALLEGHENY. Mixed Colors. Single to Semi-double flowers with ruffled petals. The plants are of the same vigorous growth as the Single Hollyhocks.

SEED ONLY: Pkt. 8c, ¼ oz. 25c.

3120—SINGLE, Mixed Colors. Single Hollyhocks are more vigorous and resist the rust better than the double and the flowers are very handsome. SEED ONLY: Pkt. 5c, ¼ oz. 20c.

LAVENDER (Lavendula Vera)

3273—The old-fashioned sweet-scented Lavender that used to be in every garden. It grows to be a bushy plant 2 to 3 feet high and covered with delightfully fragrant blue flowers from July to September. The little florets are compactly arranged in a 3 inch spike on a clean stiff stem 1 foot long, making it nice for bouquets. On a well established plant there are hundreds of flowers, and it will perfume the atmosphere around it. As the seed is difficult to make grow we advise doing the same as we do; namely: continue to make successive sowings until you succeed in starting some. It is well worth the time and trouble. SEED: Pkt. 5c; ¼ oz. 25c.

PLANTS: 20c each; \$1.75 per doz.

LYCHNIS (Jerusalem Cross)

3334—CHALCEDONICA. One of the very brightest of our hardy border plants. The flowers are arranged in large flat heads of the brightest scarlet. As the plant grows upright with straight stiff stems 2 to 3 feet long, it makes a splendid plant for the border or cut flowers. Blooms from the first of June to mid-July.

SEED ONLY: Pkt. 5c; ¼ oz. 25c.

VISCARIA fl. pl.—A fine double pink variety that makes good cut flowers. Grows about 15 inches high and blooms in June and July.

PLANTS ONLY: 20c each; \$1.50 per doz.



Monarda, or Bee Balm

HARDY SWEET PEAS (Lathyrus)

The hardy sweet pea will last for years when once established. The vines grow six feet or more in length and are covered for months with flowers which grow on upright stems holding six to eight blossoms. A very ornamental vine for covering fences, walls, etc.

3252—SEED ONLY: Pink Beauty. Pkt. 10c;

3250—MIXED COLORS: Pkt. 5c; ¼ oz. 40c.

PLUMBAGO (Lead Wort)

LARPENTAE. One of the most desirable border and rock plants. It is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall.

PLANTS: 20c each; \$2.00 per doz.

LUPINE (Lupinus)

POLYPHYLLUS. There are only a few really good blue flowers, and the Lupine is one of them. The flowers grow on long spikes standing three feet high and well above the handsome foliage. They are in bloom during most of June in the North, and in May further South. They are perfectly hardy, forming handsome persistent clumps that are excellent for the herbaceous border or for naturalizing. The young plants prefer a position that is partially shaded and cool.

SEED ONLY: 3322—ROSE, 3323—BLUE, 3321—WHITE, or

3320—MIXED COLORS. Each color. Pkt. 10c;

FORGET-ME-NOT (Myosotis)

A half hardy perennial easily grown from seed. It does best in a moist, partly shaded situation. Flowers the first season if sown early, and will live over winter if given a covering of leaves or other light protection, and will last for a number of years. The seed may be sown in early spring or during the summer.

3495—PALUSTRIS. The true Forget-Me-Not. Charming blue flowers with white centers. Pkt. 10c; ¼ oz. 50c.

3493—ROYAL BLUE. A beautiful new variety of Alpine Forget-Me-Not with very large flowers of a deep blue—a richer color than other kinds. A fine variety for pot culture as well as the open ground. Pkt. 8c; ¼ oz. 30c.

3490—MIXED COLORS. Composed of Alpine varieties of various colors, including white, pink and different shades of blue.

PLANTS: 15c each; \$1.00 per doz.

MONARDA (Bee Balm)

DIDYMA. Also called "Scarlet Balm," "Mountain Mint," "Sweet Mary," "Square Stalk," etc. The fragrant brilliant scarlet flowers are borne in large heads on stalks 2 to 4 feet high. When massed in the border, its great brilliancy is very effective throughout mid-June to August. The plant is so hardy and persistent that it will thrive under almost any circumstances, although its natural habit is in damp places.

PLANTS ONLY: 20c each; \$1.50 per doz.

HARDY PHLOX

One of the most satisfactory of all hardy flowering plants. When planted in groups or clumps they are magnificent and remain in flower nearly all summer, one season of bloom succeeding the other closely.

The 9 varieties we offer is the result of very careful selection. Each color is entirely distinct from the others and they are all good hardy growers.

The plants should be set out 18 inches apart in good, rich soil if possible and the ground should be kept well cultivated. The plants we offer are all strong field grown.

MISS JENKINS—A large flowered, late blooming tall white of medium height. This is the most vigorous growing of the large whites.

MRS. CHAS. DOOR—A tall lavender-pink phlox of medium size. A very free bloomer and a bright color.

MISS LINGARD—White with a very faint lilac eye. A grand, free-flowering variety unsurpassed for massing, and earlier than any other variety. Medium height with large, dark green foliage that is blight resistant.

ELIZABETH CAMPBELL—The best clear bright pink. Medium tall with very large flowers and flower trusses.

RICHARD WALLACE—A fine growing sort. Immense truss of large white flowers with a big violet eye. Very showy.

RYNSTROM. The best clear bright pink. Medium tall with very large flowers and flower trusses.

Price: Any of the above varieties; 25c each; \$2.00 per doz.

HARDY POPPIES

3950—ORIENTAL. These magnificent scarlet poppies make a brilliant display of color in the garden in May and June, and are very handsome as cut flowers. The flowers are like a small bowl—6 inches or more across, and on long, stiff stems 3 to 4 feet high. If raised from seed it should be sown in the spring where the plants are to remain for several years undisturbed. Seeds: Pkt. 5c; ¼ oz. 30c.

PLANTS: Pot grown plants 20c each; \$2.00 per doz.

3951—ORIENTAL HYBRIDS. These new hybrids vary in color. A considerable proportion are scarlet like the original Oriental, but some are of various shades of pink, lilac and rose, and are very handsome and interesting. Pkt. 10c; ¼ oz. 50c.

ICELAND POPPY

There are none of the poppies as dainty and attractive as the delicate little Iceland Poppy. Other poppies do not keep well in water after being cut, but this most graceful of flowers will last for days. The beautiful single flowers are of a waxy appearance, about 2 inches across in shades of yellow, orange, scarlet, and white. They are produced throughout a long season on stems about 1 foot high.

Sow in the position where the plants are to remain. Seed sowed in the spring will commence flowering in 10 to 12 weeks and continue until frost. The next spring they will be among the first flowers to bloom and continue until late summer.

Like all poppy seed, which is very fine, the seed should be just barely covered with soil. In fact, it is better to cover it with a shade than with soil. One packet will sow 10 feet of row.

3962—YELLOW

3963—ORANGE

3961—WHITE

3960—MIXED COLORS

SEED ONLY: Any Color. Pkt. 8c; ¼ oz. 50c.

PENTSTEMON (Beard Tongue)

3783—BARBATUS TORREYI. A hardy perennial of easy culture in any light soil where it can have plenty of water in the summer and full exposure to the sun. The narrow scarlet-coral flowers are ranged along the many erect stems which rise to the height of 3 or 4 feet from a dense clump of persistent foliage. In winter cover with ashes.

SEED: Pkt. 10c.

PLANTS: 25c each; \$2.00 per doz.



Primrose, Veris Superba

PRIMROSE

No flower is so pleasing in the early spring as the pretty sweet-scented primroses along the pathway and edging the shrubby border. The clumps of soft, yellow flowers with their delightful fragrance seem to be introducing us to the coming beauties of the hardy garden.

The variety, **VERIS SUPERBA**, is beyond a doubt the best of the hardy primroses. It has the largest flowers, is absolutely hardy and a profuse bloomer.

Planted along the edge of the border or in a bed by themselves, they will be a mass of yellow flowers during the early spring, and make a splendid companion to the bulbs.

The individual flowers measure $1\frac{1}{2}$ inches across and are a soft canary yellow with a golden center. For the best blooms plant in a position that gets partial shade.

PLANTS ONLY: 20c each; \$2.00 per doz.

PHYSOSTEGIA (False Dragon's Head)

VIRGINICA (Pink). This most excellent hardy border plant, also known as "Obedient plant" and "Lion's heart," is one of our hardiest and most easily grown perennials. The small rosy-pink tubular flowers are closely borne in graceful terminal spikes on erect stems above a leafy plant 3 to 4 feet high. If the flowers, which are splendid for bouquets, are kept cut, the plant will bloom for a long period.

PLANTS ONLY: 15c each; \$1.25 per doz.

JACOB'S LADDER (Polemonium)

3974—RICHARDSON: An excellent plant to put in clumps in the herbaceous border. The bell-shaped violet flowers are borne in compact terminal heads on stout stems one to three feet high and well above the pretty and persistent foliage. For the best results it needs a rich, loamy soil in partial shade and considerable moisture.

SEED: Pkt. 5c; $\frac{1}{4}$ oz. 25c.

PLANTS: 20c each; \$2.00 per doz.

RUDBECKIA (Black-Eyed Susan)

4211—PUPUREA, (Giant Purple Cone-flower). Large flowers of a reddish-purple shade with a large brown cone-shaped center. Either of these varieties are easily raised from seed sown in the open ground, where the plants are to remain if sown during early summer while the ground is still moist.

SEED: Pkt. 5c; $\frac{1}{4}$ oz. 50c.

PLANTS: 15c each; \$1.25 per doz.

4210—NEWMANII. This is one of our best hardy plants. It is an improved variety of the "Black-Eyed Susan" often found in meadows. The bright yellow daisy-like flowers 3 to 4 inches in diameter with velvety maroon centers are profusely borne on upright branching stems 2 to 3 ft. high during July and August.

SEED: Pkt. 5c; $\frac{1}{4}$ oz. 35c;

PLANTS: 15c each; \$1.00 per doz.

PYRETHRUM (Painted Daisy)

4000—HYBRIDUM, SINGLE MIXED. A charming flower of easy culture that should be more generally grown. The single daisy-like flowers, 2 inches in diameter, range in color from pure white through pink to rich crimson-red, all with bright yellow centers and on stems about 2 feet high. They are excellent for massing in the herbaceous border and exceptionally fine for cutting. If the plants are cut down after the first crop of blooms in June a good second crop will be borne in the fall. They will do well in any good garden soil either in full sun or partial shade. Water in very dry weather. **SEED: Pkt. 12c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.**

PLANTS: 25c each; \$2.25 per doz.

"The plants you sent me are splendid roots. They are sure to grow. You never sent me poor roots yet."—Mrs. Edgerly, Perry, N. Y.



Pyrethrum, or Painted Daisy



STATICE (Great Sea-Lavender)

6179—LATIFOLIA. A perfectly hardy perennial of easiest culture in deep, light soil, in the full sun. The very small, fragrant, blue flowers in large, very loose-spreading heads, form a cloud of bloom, profusely borne on delicate branching stems which rise above the foliage to a height of 1 to 2 feet. It is especially desirable as a cut-flower that can be kept for months. As the seed is very slow to grow it should be carefully sown in a box and the plants transplanted as fast as they are large enough.

SEED: Pkt. 10c.

PLANTS: 25c each; \$2.00 per doz.

SCABIOSA (Blue Bonnet)

4663—CAUCASIA. Very handsome flowers either for the garden or house. They last a long time after cutting and are very attractive flowers, being of a beautiful shade of light lavender blue and have graceful stems. 18 to 20 inches long. They commence to bloom the last of June and continue through September.

SEED ONLY: Pkt. 12c; $\frac{1}{8}$ oz. 40c.

HARDY SALVIA (Meadow Sage)

4610—AZUREA GRANDIFLORA. An excellent fall-blooming border plant of easy culture. If given good rich, sandy soil in a sunny situation, the beautiful spikes of sky-blue flowers will reach a height of 4 to 5 feet. The finely cut foliage makes a very attractive plant throughout a long season, while the flowers, during August and September are a very pleasing shade of blue.

SEED: Pkt. 10c.

PLANTS: 25c each; \$2.00 per doz.

SPIREA

PALMATA, (Pink). The prettiest of the herbaceous Spirea that die back every winter and are perennials and not shrubs. The tiny delicate pink flowers are borne during June in large spreading clusters on the top of long clean stems, appearing like a large feathery flower. The plant grows to a height of about 4 feet and is one of our best perennials. The plant is very hardy and will continue to live as a vigorous attractive plant for a great many years.

PLANTS: 25c each, \$2.25 per doz.

SEDUM (Stone Crop)

SPECTABILE (Pink). One of the very showiest of the fall blooming perennials. The large convex heads of small rosy-pink flowers are borne in great profusion on the top of a silvery-gray waxy looking plant about 1 ft. high. It is perfectly hardy and grows well under almost any soil condition provided it has good drainage in the winter and a sunny situation. It is excellent for the front of the border or the rockery as the plants are so uniformly compact and the foliage evergreen.

PLANTS ONLY: 25c each; \$2.50 per doz.

SIDALCEA

ROSY GEM. A tall growing plant well covered with graceful spikes of rosy-pink mallow-like flowers during June and July. The shiny dark green leaves are very persistent, making the plant a valuable addition to the border throughout the entire season.

SEED: Pkt. 8c.

PLANTS ONLY: 25c each; \$2.00 per doz.

STOKESIA (Stokes' Aster)

CYANEA, Blue. Stokes' Aster is one of the choicest and most distinct of American hardy perennial herbs. The beautiful light-blue flowers are 3 to 4 inches across and profusely borne in July and August on plants 1 to 2 feet high. It prefers a well-drained sandy loam and is exceptionally drought resisting. It blooms at a time of year when good light blue flowers are very scarce and keeps well in water when cut.

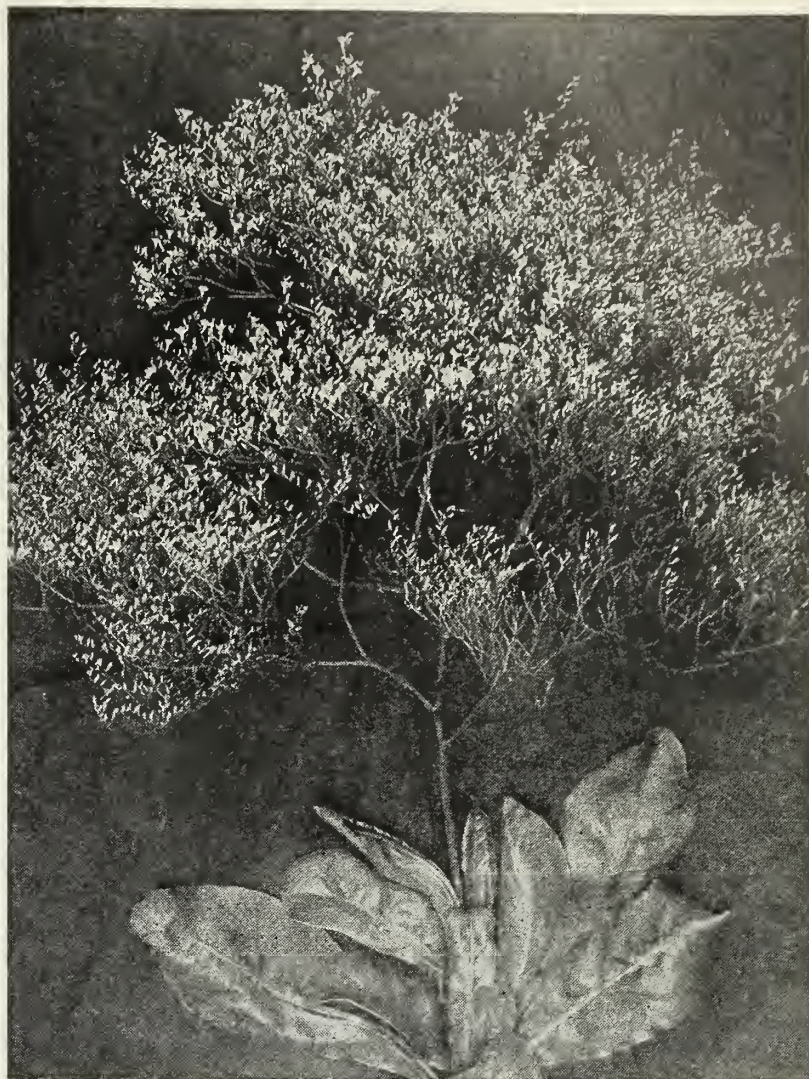
SEED ONLY: Pkt. 5c; $\frac{1}{4}$ oz. 25c.

VERONICA (Speedwell)

SPICATA (Blue). A showy free-flowering perennial bearing in June and July, long racemes of small, blue, feathery flowers. The plant grows 2 to 2½ feet high and the dense dark green foliage never becomes unsightly in the border. This is one of the old fashioned hardy perennials that always remains popular.

SEED: Pkt. 10c.

PLANTS: 25c each; \$2.00 per doz.



Statice, or Sea Lavender

SWEET WILLIAMS

The improved large-flowering varieties of Sweet William produce a wonderful display of color and are very attractive in beds or borders as well as for cut flowers.

Seed should be sown in the spring or summer, and the plants may be transplanted in the fall or following spring, so they stand about a foot apart. They are perfectly hardy.

The "Perfection" strain we offer has the very largest flowers and the clearest and most desirable colors.

SEEDS: 6133—Scarlet Beauty.

6135—Holborn Glory

6132—Newport Pink.

6131—White.

Each color: Pkt. 5c; $\frac{1}{4}$ oz. 20c.

6130—Mixed Colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 35c.

PLANTS. Mixed colors only. 15c each; \$1.00 per doz.

ANNUAL SWEET WILLIAM

6140—MIXED COLORS—A new variety of Sweet William that will bloom profusely the first summer, from seed sown outdoors in the spring. It is also hardy and continues to bloom the second year.

SEED ONLY: Pkt. 5c; $\frac{1}{4}$ oz. 30c.

PLANTS SENT PREPAID

All Flower Plants and Bulbs listed on these pages, unless otherwise noted, are forwarded prepaid to any point east of the Mississippi River. (To points west of the Mississippi River and Canada add 10% of the total amount of the order for postage or express.)

If the customer wishes the goods sent by express and will pay the charges, he may deduct 10% from the amount of the order and we will ship "collect."



SPECIAL COLLECTIONS

In all our Special Collections we use our regular size retail packets containing the same high quality seed as our regular packets. The collections are all thoughtfully selected with regard to their uses and quality. Because these collections are put up in advance, ready to mail, we are able to offer them at a reduced price.

Please order by number, using the letter "C."

No Discount or Extra Packets can be allowed on any of the Special Collections of Flower Seeds.

SPECIAL OFFERS

		See page
C 500—Snapdragons	\$.20	79
C 307—Everlastings .....	.15	84
C 420—Climbers .....	.30	84
C 100—Asters .....	.30	64
C 230—Porch Box .....	.50	83
C 240—Best Annuals .....	.25	83
C 350—Tall Nasturtiums .....	.20	74
C 360—Dwarf Nasturtiums .....	.20	74
C 390—Annual Poppies .....	.35	77
C 750—Spencer Sweet Peas .....	.65	81
C 700—Early Flowering Sweet Peas	1.00	80
C 260—Annual Pinks .....	.25	69
C 600—Mammoth Flowering Stocks .....	.60	79
"Big Four Dahlia" Offer	2.00	98
"Famous Five Canna" Offer	1.00	97

C 450—10 OLD FASHIONED HARDY GARDEN PERENNIALS—50c.

This bargain collection contains one packet each of 10 varieties of our most popular Hardy Garden Perennial Seeds. These are all varieties that are most easily raised from seed sown in the open ground and is sufficient to make a garden or border about 10 by 30 feet, planted in rows about 2 feet apart. They are all tall growing sorts and will give a wealth of bloom the second season from early spring until frost.

One packet each of the following for 50c.

Anchusa	Coreopsis
Gaillardia	Foxglove
Double Hollyhocks	Anthemis
Canterbury Bells	Sweet William Mix.
	Oriental Poppy
	Delphinium, Moreton Hybrids

FLOWERS FOR THE WILD GARDEN

We have very carefully made two mixtures of annual flower seeds that are especially adapted for sowing broadcast in the fence corner, hedge row, or any unsightly place. These mixtures include a great variety of first class flowers, blooming continuously throughout the season.

965—Dwarf Growing.	Pkt. 5c; oz. 20c.
966—Tall Growing.	Pkt. 5c; oz. 20c.

C 460—BOUQUET COLLECTION—40c

For a garden 15 ft. x 20 ft. of our handsomest flowers for cutting, there can be no better selection than this collection of one packet each of our 8 best varieties of annuals. They are among our specialties and cannot be surpassed at any price. One packet each of 9780—Harris' Double Giant Zinnia, 810—Snow-on-the-Mountain, 750—Salpiglossis, 350—Early Flowering Cosmos, 324—Centaurea, Americana, 160—Aster, Late Branching Mixed, 175—Aster, Crego Mixed, 776—Scabiosa Mixed. Mailed to you complete for 45c post paid.

"Your Wild Garden collection of flower seeds has been a constant source of delight to us. A neighbor of ours bought \$2.00 worth of flower seeds from another house and didn't get a plant. I bought 20 cents worth of wild garden seeds from you and have had a profusion of beautiful flowers all summer." W. H. Wisner, Westwood, N. J.

"I am surely pleased with the mixture of Gladiolus you sent me. I do not see how you can send out such fine bulbs at the prices."—

M. G. McDuffie, Jefferson, Ia.

GLADIOLUS

This year we are offering a number of new and truly remarkable varieties. Many of them are of the Kunderdi or Ruffled type and are recent introductions that can hardly be obtained through any other source. It makes our collection one of the very finest, although not the longest, list offered. Our "Rarity Collection" should win you a first prize.

Whether wanted for show in the garden or for cutting there is no flower more attractive, useful, or more easily grown than the Gladiolus. As cut flowers through the summer and autumn they are unsurpassed.

When put in water, new flowers open out every day so a good spike will last for ten days in good condition if the faded flowers are picked off.

The culture of Gladiolus is very simple and satisfactory results can be obtained even under the most ordinary conditions. All that is required is fairly good soil and enough attention to keep the weeds down, and in very dry weather watering during the blooming period is of benefit.

The bulbs should be set out during May or the first part of June. If the best spikes for cutting are wanted, plant the bulbs in rows of 3 feet apart and 4 inches deep. For mass effect, the bulbs may be set 8 to 10 inches apart in groups. Fresh stable manure should not be used.

The varieties we offer are chosen from among the hundreds of kinds now on the market because of their superior qualities. We have eliminated all of the undesirable kinds so that this list includes nothing but really fine varieties of the most improved type. The bulbs we offer are of our own growing and are all first size and will give the finest flowers this season.

"The Gladioli I got of you have all blossomed and they were a pleasure to show them to my friends. Youell's Favorite was grand, and also Baron Hulot, and last but not least, the Schwaben, none finer to be had anywhere. I can safely recommend you to any of my friends."—

Mrs. M. P. Norton, Belvidere, N. J.



Dawn—Photograph 1/4 natural size

GLADIOLI—Continued



Niagara

Glory of Holland

Peace

COLLECTIONS and SPECIAL MIXTURES of GLADIOLI

We have made up a number of special collections and special color-mixtures of bulbs at a considerable reduction in prices. These collections and mixtures are all made up ready to mail, postpaid, and can not be altered in any way.

HARRIS' RARITY COLLECTION

1 bulb each of our 15 rare and Choicest varieties for \$3.50. (Regular price \$4.81)

This, we believe the finest collection of rare and choice Gladioli that it is possible to obtain for the low price. These are mostly Kundred's recent introductions and are carefully chosen as the best. Many of these varieties can not be obtained from hardly any other source. The collection contains one bulb each of the following varieties;

Flora,	Fire Ribbon,	Sunrise,
Avalon,	Orange Glory,	Youell's Favorite
Princes,	Snow Boy,	Gov. Hanley,
Scarlando,	Evelyn Kirtland,	Mary Pickford,
Rose Glory,	Favorite,	Byron L. Smith.

Our special price \$3.50 (Ordered separately they would cost \$4.81)

HARRIS' SPECIAL OFFER

We will send postpaid two bulbs each of the following for \$1.00. (Regular price \$1.78)

2 bulbs each

Peace	Panama
Mrs. Fryer	Loveliness
Baron J. Hulot	Gretchen Zang

Simply order Gladiolius, Special Offer \$1.00.

HARRIS' SUPERB MIXTURE

A specially made mixture of about equal proportions of some of the best varieties from each classification of color. This insures a compliment of color and all good varieties. It is far superior to any ordinary "Mixed Gladioli." \$1.00 per doz.; \$1.75 per 25; \$6.25 per 100.

HARRIS' RED MIXTURE

A mixture of splendid varieties taken from the list of "Red Shades," including such sorts as Gov. Hanley, Mrs. Fryer, Liebesfeuer, Czar Peter, etc. \$1.50 per doz.; \$2.50 per 25; \$9.00 per 100.

HARRIS' BRIGHT PINK MIXTURE

For a pretty and delicate assortment of Gladioli, this mixture can not be beaten for the price. The varieties are taken from those listed under "Bright Pinks" and "Deep Pinks," and includes such varieties as Evelyn Kirtland, Gretchen Zang, Pink Perfection, etc. \$1.25 per doz.; \$2.25 per 25; \$8.00 per 100.

HARRIS' WHITE AND LIGHT MIXTURE

A carefully assorted mixture of many of the fine varieties listed under "White Shades," and "Very light Pinks." This includes such sorts as L'Immacule, Panama, Peace, Wilbrink, etc. \$1.00 per doz.; \$1.75 per 25; \$6.50 per 100.

HARRIS' MIXTURE No. 1

This is a good mixture of the more ordinary varieties, although it contains many of the splendid sorts and is a fine mixture for the price. \$.85 per doz.; \$1.50 per 25; \$5.25 per 100.

HARRIS' MIXTURE No. 2

A low price mixture of all fine varieties but not quite such large bulbs. The bulbs are all large enough to make good blooms. In fact, the florists consider this the most economical size to buy. The mixture is about the same grade of blooms as our Superb Mixture. \$.75 per doz.; \$1.00 per 25; \$3.50 per 100.



WHITE SHADES

	Each	Price Doz.	25
MARY PICKFORD. The best ivory white. A truly pure white, very early and a wonderful grower.....	.40	4.00	
SNOW BOY. Very large fine white with bright red throat blotch. Conspicuous and fine.....	.30	2.75	
L'IMMACULE. A pretty pure white of dainty form.....	.20	1.50	2.75
LILY WHITE. A lily-like, early pure white.....	.25	1.65	3.00
PEACE. Immense white with purple marking on lower petals.....	.10	1.00	1.75
GLORY OF HOLLAND. Good creamy white of vigorous growth.....	.10	1.00	1.75
AUGUSTA. A medium size white with blue anthers.....	.10	.80	1.35

PINK SHADES—Very light Pinks

BYRON L. SMITH. One of the finest delicate colored sorts, equal to the finest orchids. A delicate pink on white ground.....	.50	6.00	
LE MARECHAL FOCH. The largest light pink gladiolus. Color similar to America, but larger and earlier.....	.30	2.50	...
AVALON. (Ruffled) A very large blush white with rose throat.....	.35	3.75	...
WILBRINK. A light pink sport from Halley, Extra early.....	.10	1.00	1.85
PANAMA. A large rich silvery-pink. Handsome.....	.10	1.00	1.75
AMERICA. The well known lavender-pink.....	.10	.75	1.25

BRIGHT PINKS

MRS. DR. NORTON. A wonderful color. The ground color is a beautiful blend of soft yellow and white, delicately suffused with La France pink.....	.50	4.50	...
MYRTLE. Tender and delicate rose-pink of splendid form.....	.20	1.70	3.00
YOUELL'S FAVORITE. (Ruffled) An immense, striking flower and plant of rich and harmonious coloring. A light lilac-rose shading to sulferino red at the edges, with a cream throat.....	.20	1.75	3.25
EVELYN KIRTLAND. A tall, large, beautiful clear rosy pink with a sparkling lustre. Most excellent.....	.17	1.45	2.65
GRETCHEN ZANG. Similar to Evelyn Kirtland.....	.15	1.30	2.35
PRIDE OF GOSHEN. (Ruffled) A beautiful shrimp pink, daintily suffused with old rose in the throat, large.....	.15	1.25	2.00
MRS. FRANK PENDLETON. Large light pink with red blotch.....	.10	1.00	1.75
WILLY WIGMAN. Very light pink with cerise blotches.....	.10	1.00	1.75



Pride of Goshen
(Photograph 1/4 Natural Size)

DEEP PINKS

ROSE GLORY. (Ruffled) Very large delicate rose-pink shading to deeper throat.....	.50	4.75	...
DAWN (Tracy's). A bright shell-pink shading to white throat with purple pencilling on the lower petals.....	.25	2.50	...
PRINCE OF WALES. A clear salmon-pink of delicate tone. Of the same season as Halley and much the same form. An unusually attractive color.....	.10	1.00	1.75
PINK PERFECTION. Magnificent flowers of a soft apple-blossom pink.....	.15	1.40	2.50
HALLEY. The standard extra early. Sparkling rosy pink.....	.10	.80	1.35

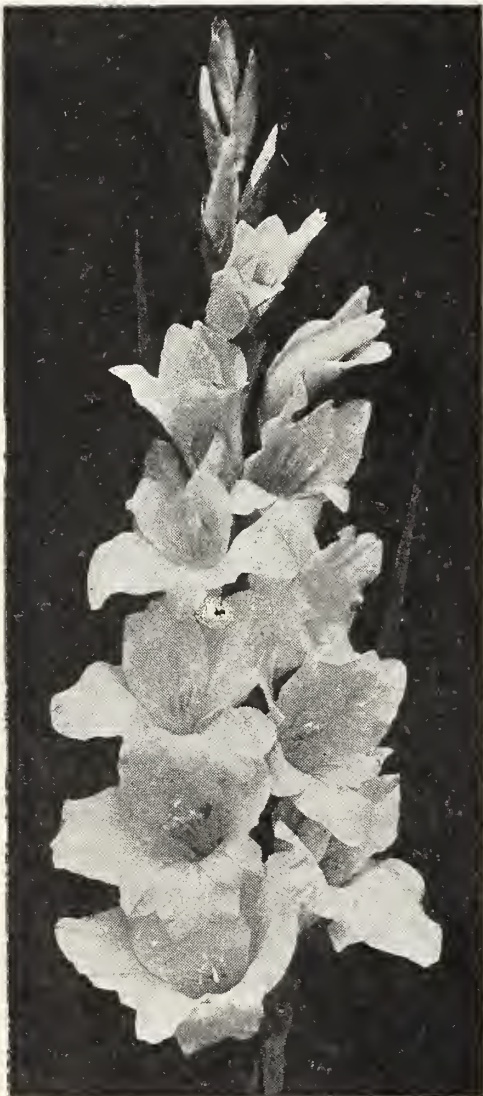
RED SHADES

Orange and Scarlet Shades

FAVORITE. (Ruffled) Large, bright orange of extreme beauty. The best orange.....	.60	8.00	...
FIRE RIBBON. Tall, glowing fire-red, showing color to extreme tip when first opened.....	.35	3.00	...
SUNRISE. An extra early brilliant salmon of immense size.....	.30	2.75	5.00
ORANGE GLORY. (Ruffled) A light shade of bright, fiery orange-red tinting to shrimp-pink in the throat.....	.30	2.75	5.00
MRS. W. E. FRYER. Glowing scarlet or flame color. Of good size and handsomest form.....	.17	1.50	2.50
LIEBESFEUER. A large flowering true scarlet of splendid form.....	.25	1.90	3.50
PRINCEPS. Dazzling scarlet with white throat.....	.17	1.50	2.75
SCARLANO. (Ruffled) A finely ruffled light orange-red. Handsome....	.25	2.50	...
MRS. FRANCIS KING. Immense flowers of intense vermillion-scarlet....	.10	.80	1.35

Crimson and Dark Shades

AMERICAN INDIAN. (Ruffled) A glowing red of richest deep velvety tone. The best dark red.....	.35	3.50	...
CRIMSON GLOW. A new mammoth dark scarlet.....	.50	...	...
LUSTER. Tall, dark vermillion-crimson. One of the finest reds.....	.25	2.50	...
CZAR PETER. Deep scarlet of excellent color and form.....	.20	1.75	3.00
GOV. HANLEY. An exceptionally fine red for the price. A rich, clear cardinal of large size and good form.....	.17	1.50	2.75
COLORS. A dark wine, mottled and flaked cream. A good novelty color..	.35	3.50	...
GOLIATH. A large flowering and good growing dark wine-red. The finest real dark red.....	.12	1.15	2.00
MRS. WATT. The color of American Beauty Rose.....	.12	1.15	2.00
EMPRESS OF INDIA. Medium sized dark brown-red.....	.12	1.15	2.00
WAR. Deep glowing shade of crimson. Large open flowers.....	.12	1.15	2.00



L'Immacule



GLADIOLI—Continued

Price

YELLOW SHADES

	Each	Doz.	25
NIAGARA. Creamy white flowers with lower petals deeper yellow and the ends splashed with carmine. The flowers are very large and well expanded. One of the finest light colored varieties.....	\$.10	1.00	1.75
FLORA. A new yellow of unusual merit. Large flowers of fine form on a vigorous plant. Better than Schwaben.....	.25	2.00	4.50
LOVELINESS. A large graceful flower of lovely primrose color.....	.20	1.75	3.00
KUNDERDII GLORY (Ruffled). Creamy white with beautiful apricot-cream shading.....	.10	1.00	1.75
SCHWABEN. The most popular yellow. A large flowered canary yellow and a robust plant.....	.10	1.00	1.75
YELLOW HAMMER. A good medium sized yellow with red mark in throat.....	.10	1.00	1.75

PURPLE SHADES

PURPLE SHADES. (Ruffled). A wonderful flower of a rich velvety French purple color. The very finest purple Gladiolus.....	1.50	15.00	....
BARON J. HULOT. The best known "blue" gladiolus. The flowers are of medium size and an indigo blue shade.....	.17	1.50	2.75
MASTER WEITZE. A tall, strong growing dark maroon overlaid with violet.....	.15	1.40	2.50

PRIMULINUS

The Primulinus Gladioli is a class having much smaller flowers than the other kinds, but they are far more graceful and of the soft, pleasing yellow and orange shades. In the last two or three years wonderful improvements have been made in this type and many new and popular colors introduced. In the opinion of most growers, the Primulinus are soon going to be the leading type, while they contain colors that have never been seen in the larger types.

The spikes are long, slender and graceful, and the colors are mostly yellow, orange, pink and red, of soft, delicate shades, making very attractive flowers for indoor decoration.

HARRIS' PRIMULINUS COLLECTION

12 Bulbs for \$2.00

This year we are fortunate in being able to offer you a **Special Collection of Named Varieties** that we know you will want to have. We urge you to plant this collection as it will introduce to you something of the possibilities of the Primulinus. Once you see these varieties you will become intensely interested in Primulinus. They can be obtained only in this collection, which contains **TWO** each of the following varieties for \$2.00:

- 2—ALBIA. A very delicate rose-pink.
- 2—ANITA. A graceful, clear canary-yellow.
- 2—ELBERTON. A dainty pale cream; almost white.
- 2—FIREFLY. Clear, bright scarlet of fine form.
- 2—REGULUS. An unusual orange-salmon shade.
- 2—TOPAZ. Attractive salmon and buff.

12 bulbs for \$2.00. We have but a limited number of these bulbs and we cannot obtain more this season.

ALICE TIPLADY. The leading and most popular Primulinus yet introduced. This is quite generally conceded to be the most beautiful Gladiolus in existence. The flowers are medium size, of splendid form, and the color is a beautiful shade of orange saffron. Each 30c; \$2.75 per doz.

DELUXE MIXTURE. A high class mixture of the best named sorts of Primulinus and Primulinus Hybrids. This mixture contains many unusual flowers and colors that can only be found in a Hybrid Mixture. This is a far better mixture than the usual Primulinus Hybrids, because it is really an assortment. \$1.00 per doz.; \$7.50 per 100.

CANNAS

HARRIS' "FAMOUS FIVE" CANNAS

For lawn decoration there is no plant equal to the improved varieties of cannas. Their bright, luxuriant foliage and long spike of brilliant flowers make a beautiful display in beds and borders. The roots should be started in pots in the house or hotbed in March or first part of April and the plants set out in the open when danger of frost is past, or the roots may be set out in the open ground about May 1 in this latitude, but will not flower so early. The following are among the newest and best varieties of large flowering cannas for bedding. Our canna roots are the best this year that we have ever offered. Set plants 2 feet apart.

THE PRESIDENT—The most sensational introduction in recent years. Immense flowers of bright red color. It may best be described as having all the good qualities of Firebird, enhanced by extraordinary vigor, a perfect healthy foliage, growing to a height of 5 feet. It produces immense trusses of giant flowers in great profusion. Price 30c; Doz. \$2.75.

HUNGARIA. A beautiful new pink canna the color of a La France rose. The flowers are very large and produced on immense trusses. Green foliage. 3½ feet. Each 25c; Doz. \$2.25.

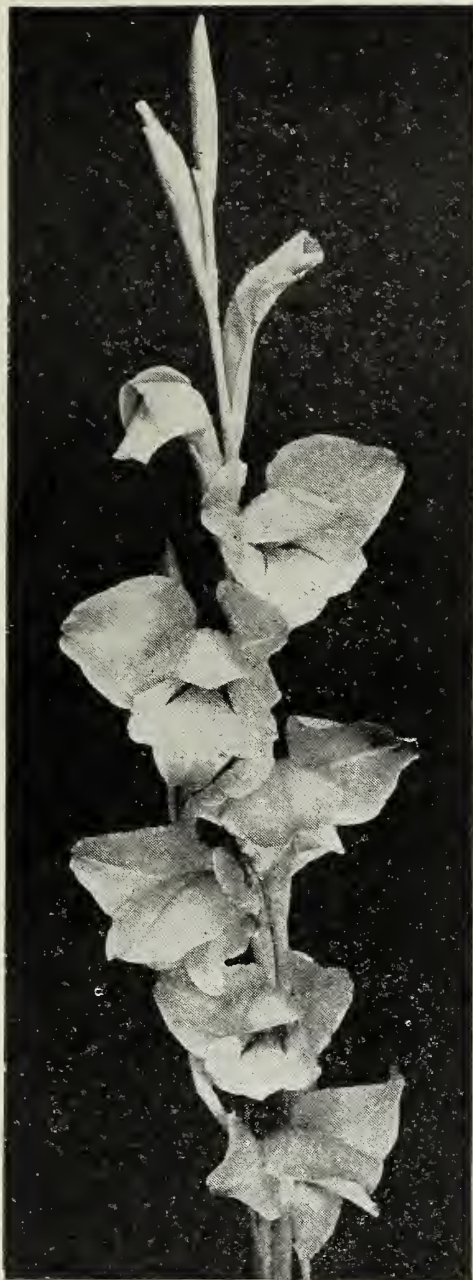
KING HUMBERT. This is one of the very finest cannas yet produced. The flowers are of immense size, often 6 inches across, and the color is an intense orange-scarlet with deep red markings. The leaves are bronze-red and the whole effect is very striking. Should be in every collection. 4½ feet. Each 20c; Doz. \$1.75.

PANAMA. Very freely produces large trusses of orange-red flowers with a broad edging of golden-yellow. Green foliage. 3½ feet high. Each 20c; Doz. \$1.75.

RICHARD WALLACE. An especially fine bedder, with large canary-yellow flowers and green foliage, 4½ feet high. Each 20c; Doz. \$1.75.

SPECIAL CANNA OFFER

Two roots each of Harris' "Famous Five" Cannas, as described above, will be sent postpaid for \$1.50.



Primulinus



DAHLIAS

DAHLIA CULTURE



Decorative Dahlia, Princess Julian
(Photograph $\frac{1}{3}$ natural size)

The dahlia will grow and do well in any good garden soil; an open sunny location being most favorable. They can be planted any time after the danger of frost is over and the ground becomes thoroughly warm. In preparing the ground large quantities of manure should be avoided. An application of good commercial fertilizer will usually be found better.

Plant $2\frac{1}{2}$ feet apart, 6 inches deep, flat down, having sprout or eye facing upward. Cultivate thoroughly until plants commence to flower. For exhibition blooms, force with frequent applications of liquid manure and disbud to a few main stalks. In case plants become stunted in hot, dry weather, cut them back to 18 inches high so that they will produce new wood for autumn.

After the tops of the plants have been frozen in the fall, dig carefully and cut off the stalks 2 or 3 inches above the tops of the clumps. Pack upside down in a box and store in a dry, frost-proof, cool cellar. In spring divide to one or two eyes before planting.

"Received my order from you yesterday and was delighted with the quality of the bulbs and plants. It has tempted me to send you another little order. Mrs. Harry L. Roberts, Grand Rapids, Mich., Nov. 9, '22.

HARRIS' BIG FOUR DAHLIA OFFER

One each of the following four new high class varieties: Attraction, Floradora, Wodan and Geisha. Price \$2.00 postpaid (Regular price \$3.25)

After a very careful survey of the finest dahlias we could find we have finally selected these four varieties as being the most gorgeous sorts it is possible to offer at this moderate price, and at the same time giving a range of desirable colors. They are exceedingly large flowers of wonderfully rich colorings and are offered only in our "Big Four Offer."

ATTRACTION. An elegant mammoth flower of the cactus type with long, gracefully twisted petals. The color is a beautiful lilac-rose or orchid shade.

FLORADORA. A rich, wine-crimson cactus-flowered variety. Very large and free flowering.

GEISHA. A wonderful peony-flowered dahlia. The color is a most attractive combination of brilliant scarlet and gold with a ring of clear yellow at the center. Of beautiful form and mammoth size.

WODAN. A large handsome salmon-rose, shading to old gold in the center. Very unique and pleasing.

GENERAL LIST OF CHOICE DAHLIAS

H. SHOESMITH. (Cactus) Large, brilliant, vermillion scarlet. Very showy. Each 35c.

KRIEMHILDE. (Cactus) Delicate flesh pink shading to white in the center. Very large and pretty. Each 25c.

MRS. C. H. BRECK. (Cactus) Creamy yellow, passing to various shades of rose pink. An exceptional dahlia. Each 75c.

PERLE DE LYON. (Cactus) Pure white. A most excellent cut flower. Each 35c.

CLIFFORD W. BURTON. (Decorative) Large bright yellow of splendid form. A very free blooming sort. Each 25c.

SOUVENIR DE GUSTAVE DOUZAN. (Decorative) The largest dahlia in existence. A pleasing shade of orange scarlet. Each 25c.

D. M. MOORE. (Decorative) A rich velvety maroon. Very dark, mammoth flower produced in profusion on long stiff stems. Each 50c.

PRINCESS JULIAN. (Decorative) Pure white. A splendid exhibition white for cutting. Very free flowering and long stems. Each 50c.

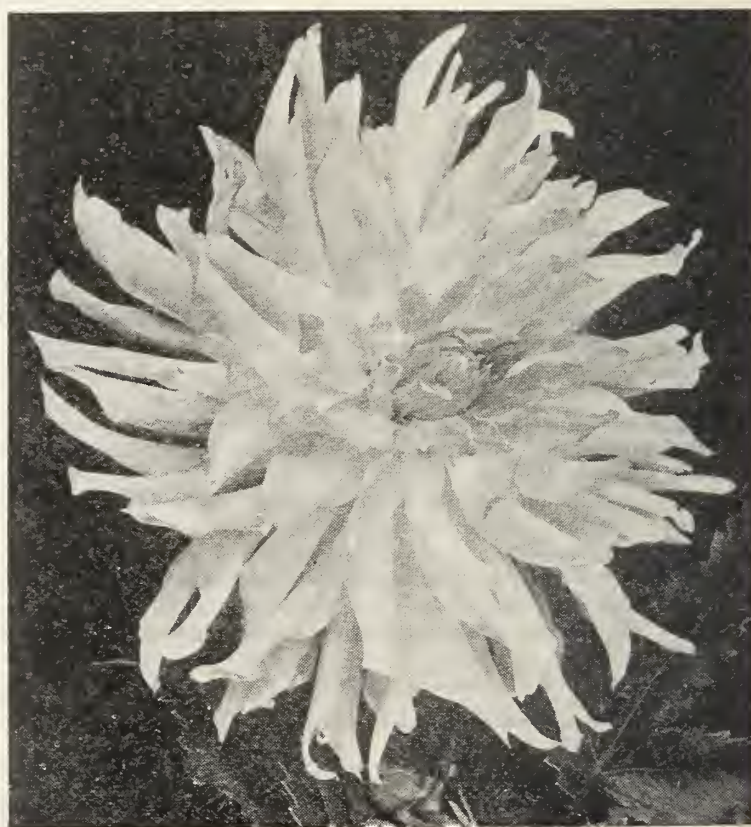
GRAND DUCHESS MARIE. (Show) A large soft buff, with the under side an attractive shade of pink. A very pleasing color. Each 50c.

J. K. ALEXANDER. (Show) A clear royal purple. Large flowers on long stems. The best purple. Each 50c.

METEOR. (Show) A mammoth bright red and a profuse bloomer. Each 25c.

STORM KING. (Show) An early free flowering pure white. Each 25c.

SPECIAL COLLECTION. One each of the above named varieties for \$3.50.



Cactus Dahlia, Attraction—(Photograph $\frac{1}{3}$ natural size)

MISCELLANEOUS BULBS AND ROOTS

Summer Flowering

NOTICE

All bulbs and roots sent **prepaid**. Do not forget this when comparing prices.

TUBEROUS ROOTED BEGONIAS

When grown outside, the Tuberous Rooted Begonias should be taken up before cold weather, spread out to dry, and be packed away in boxes of dry sand and stored through winter in some cool place, yet not where frost can reach them. Some little time before planting outside in spring they should be potted and kept inside until well started. They delight in a partially shaded location in soil composed of leaf mold, sand and well rotted manure.

SINGLE FLOWERED. Separate colors, Scarlet, Salmon and Yellow. 25c each; \$2.50 per doz.

REGAL LILY (*Lilium Myriophyllum*)

A new and rare lily from China. The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and it is equally hardy with the others here offered. Each, 75c; doz., \$8.00.

MADEIRA VINE

A rapid growing vine, covering a large space in a short time. Fleshy, heart-shaped leaves of a light green, and in late summer numerous racemes of feathered flowers of powerful fragrance. A very beautiful and popular vine which succeeds admirably everywhere and should be extensively planted, being so cheap, quick of growth, beautiful and fragrant. 10c each; 75c per doz.

APIOS TUBEROSA (Tuberous Rooted Wistaria)

Clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Tubers 10c each; 75c per doz.

MONTBRETIA

Montbretias are one of the brightest of the summer-flowering bulbs, giving a profusion of flowers ranging in color from golden yellow to glowing scarlet. The medium-sized single flowers are gracefully arranged along a clean, stiff stem about 18 inches long, making a most desirable cut-flower. The dainty gracefulness of these flowers in the vase or on the plant cannot be surpassed. The plant has about the same character of growth as Gladioli and the bulbs should be handled in the same manner. Dig them in the fall after frost and store during the winter in a cool, dry place and keep from freezing. We are glad to be able to offer Montbretia bulbs at this low price.

BULBS: 10c each; 95c per doz.; \$7.00 per 100.

DOUBLE PEARL TUBEROSES

One of the most successful of the late-flowering Summer bulbs. The best results are obtained if the bulbs are planted in pots during March and April, thereby allowing them to get well established before planting outside, though good results are to be had from bulbs planted outdoors during May. Bulbs when planted outdoors may be set 8 inches apart, or may be planted in groups of six or eight bulbs.

Excelsior Double Pearl. Large double flowers valuable for cutting. Each 10c; \$1.00 per doz.; \$6.00 per 100.

CINNAMON VINE

(Chinese Yam)

The handsome foliage is dark green, thick and glossy and free from insects, while numbers of white blossoms emit a delightful cinnamon like odor. We know of no other vine that will more quickly and satisfactorily cover an arbor or trellis, wall or fence for shade or screen purposes. It will thrive anywhere, and when once established will grow for years, as it is perfectly hardy. Though it dies back in winter it does not winter-kill and will grow again the next year with added vigor. Grows 25 to 40 feet high. Large size bulbs. Each 10c; 75c per doz.

GIANT SUMMER HYACINTH

(*Hyacinthus Candicus* or *Galtonia*)

A luxuriant-growing, summer-flowering plant, spreading 2 to 3 feet, throwing spikes 4 to 5 feet in height, each bearing 20 to 30 large, white, bell-shaped flowers, splendid for groups. If planted in the center of beds of scarlet Gladiolus, the effect is magnificent.

In our northern climate if the plants are heavily mulched, they may be left in the ground for several years with increasingly better results. Price. Each 10c; doz. 90c.

CALADIUM ESCULENTUM

(ELEPHANT'S EAR)

This is one of the finest tropical plants which can be grown in the open air in the north. It can be made to produce three to ten leaves three to four feet long and nearly as wide, on stalks four to six feet high.

The soil best suited to Caladiums is a mixture of fibrous loam, leaf mold, peat and well rotted cow and sheep manure in equal parts, with a sprinkling of sand added. Bulbs may be planted outdoors as soon as danger of frost is over, covering about three inches deep; or for largest growth start early indoors in pots and set out when the weather is warm.

First size bulbs: 20c each; \$2.00 per doz.

FANCY LEAVED CALADIUMS. Among all foliage plants they are undoubtedly the showiest, reveling in many soft colors and beautiful designs. Not quite as large growing as the Plain Leaved variety and can be used for window boxes, pot plants, etc. **First size bulbs:** 30c each; \$3.00 per doz.



Montbretia. Photograph of one plant growing on Moreton Farm taken Aug. 10th. Plant 2½ feet tall.



Bed of Caladium, Cannas and Castor Oil Beans

PLANTS OF ANNUAL FLOWERS

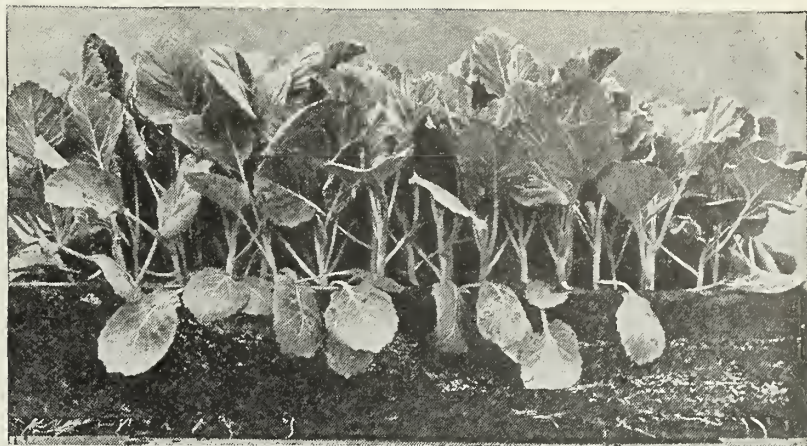
Porch Box and Bedding Plants, Climbers, etc.

We guarantee the plants or bulbs that we sell to reach the purchaser in good condition. If any plants or bulbs should arrive in poor condition, so that they cannot be saved, notice must be sent to us immediately and more plants will be sent to replace those that are not good. We cannot, however, consider any claim for plants arriving in poor condition if notice is not sent to us within three days after the plants are received.

If you have occasion to write us in regard to plants that have been received in unsatisfactory condition, please mention the date when received and state just how many plants of each kind are not good. We do not fill orders for less than 6 Plants of one variety.

All Flowering Plants are sent postpaid. They will be ready May 15th to June 15th. Orders will be entered at any time and the plants sent when ready. Plants will be shipped in the rotation in which orders are received, so order early and get preferred plants.

	Doz.	50
AGERATUM, Blue Perfection. Excellent for a low border or edging. Blooms all summer.....	\$.60	\$2.00
ASTERS. Good strong transplanted plants of the following varieties: Moreton Pink, Heart of France, Rochester Lavender, Peerless Pink, Mammoth Branching White, American Beauty Mixed Colors, Crego Mixed Colors, Late Branching Mixed Colors.....	.50	1.75
CARNATIONS, Giant Marguerite. Will bloom all summer. Good double flowers in mixed colors.....	.70	2.25
CALENDULA, Orange King. Blooms all summer until a heavy freeze.....	.50	1.75
CASTOR OIL BEANS. These plants will make an enormous growth during the season. 15c each.....	1.25	....
CENTAUREA, Dusty Miller. Fine cut silvery foliage for edging, vases and hanging baskets.....	.70	2.25
COBEA SCANDENS. One of the best annual climbers for porches. 15c each.....	1.50	....
COSMOS. Early Flowering Giant, Mixed Colors.....	.50	1.75
Double Crested, Mixed Colors.....	.75	2.50
DRACENA, Indivisa. The slender leaved plant used as a center plant in vases, porch boxes, etc. 25c each.....	2.50	....
ENGLISH IVY. The deep green Ivy so much admired in porch boxes, hanging baskets, etc. From 2½ inch pots. 20c each.....	2.00	....
GERANIUM, S. A. Nutt. The dependable bright red. 20c each.....	2.00	....
HELIOTROPE, Lemoine's Giant. 2 feet tall with large flowers. Very fragrant.....	.70	2.25
LARKSPUR. Tall Branching, Mixed Colors.....	.50	1.75
LOBELIA, Trailing. A fine plant for hanging baskets, etc. Very dainty and pretty.....	.70	2.25
MARIGOLD. Tall African. Orange or Yellow.....	.50	1.75
PANSY, Harris' Best Mixture. These plants will bloom in the summer and fall and if protected, will live over winter and flower very early in the spring.....	.60	2.00
PETUNIAS, Harris' Perfection Double. Beautiful large double flowers.....	1.00	4.00
Ruffled Giants Good bushy plants ready to bloom.....	.85	3.00
Triumph. Frilled Pink.....	.85	3.00
Rosy Morn. Pink.....	.70	2.25
SALVIA OR SCARLET SAGE, Bonfire. Beautiful plants for beds on the lawn or around the sides of houses. The most attractive plants for this purpose. Good strong plants.....	.75	2.50
SCABIOSA OR MORNING BRIDE. Mixed Colors. Good cut flowers all summer and fall.....	.50	1.75
SNAPDRAGONS. Giant Flowering Cerberus, Gotelind, Chamois, Purple King and Mixed Colors, Good vigorous bushy plants.....	.70	2.25
STOCKS. Beauty of Nice (Light Pink), Old Rose, Monte Carlo (Yellow), Mixed Colors.....	.70	2.25
STRAWFLOWERS (Helichrysum). Red, Yellow and Mixed Colors.....	.60	2.00
VERBENA. Mammoth Flowering, Mixed Colors. Fine for the porch boxes or flower bed.....	.50	1.75
Lemon Verbena. A delightful plant noted for the fragrance of its foliage. 20c each.....	2.00	....
VINCA MAJOR. Trailing vinca. The green and white leaved vine so much used for vases and window boxes. From 2½ inch pots. 20c each.....	2.00	....
ZINNIAS, HARRIS' DOUBLE GIANT. Scarlet, Yellow, or Mixed Colors. These Zinnias will flower early and continue to bloom all summer.....	.60	2.00



Photograph of Tomato and Cabbage plants raised at Moreton Farm. These boxes or "flats" are 2 ft. long and hold 66 Tomato plants.

VEGETABLE PLANTS, ROOTS, ETC.

We aim to produce plants of **superior quality**. Ordinary tomato, cabbage and pepper plants can usually be procured locally for less than we can produce the class of plants we raise

Our plants are transplanted and give sufficient room to properly develop, and are well hardened before they are sent away. They therefore stand the wind and sun better than the small weak plants that are usually sold.

The plants are all carefully packed and we guarantee their safe arrival in good condition.

Orders will be booked at any time and plants will be sent when ready.

BY PARCEL POST. Plants ordered at the dozen price are sent postpaid without extra charge. If plants are ordered at the hundred or thousand rate to be sent by parcel post there will be an extra charge for postage. See postage rates on page 4.

Asparagus. See page 17.

Brussels Sprouts. Field-grown plants, ready June 15. Doz. 15c; 75c per 100. Weight 3 lbs. per 100.

Cabbage Plants. Early transplanted plants, ready April 15 to May 15. These plants are well hardened and will stand frost without injury. They are far superior to plants grown in frames without transplanting. Such plants, of course, can be sold much cheaper. Varieties:
Early Jersey Wakefield Enkhuizen Glory
Copenhagen Market Stanley
25c per doz.; \$1.25 per 100; \$10.00 per 1000.

Field-grown plants, all leading varieties, ready from June 10 to July 20. 15c per doz.; 50c per 100; \$2.50 per 1000. Please write for prices on large lots stating quantity and varieties required. Weight 3 lbs. per 100; 25 lbs. per 1000.

Cauliflower. Early transplanted plants, ready April 15 to May 15. Early Snowball. 30c per doz.; \$1.35 per 100.

Field-grown plants, ready June 15 to July 20. Snowball and Danish Giant or Dry Weather, 15c per doz.; 75c per 100; \$4.50 per 1000. Weight 3 lbs. per 100.

Celery. Early transplanted plants, ready middle of May to June 15th. Varieties: Golden Self Blanching and White Plume. 20c per doz.; \$1.25 per 100.

Field-grown plants. These plants are grown in the open ground and are usually ready the last week in June or first week in July, and can be supplied up to July 20th. They are good strong plants. We can supply the following varieties:

Golden Self Blanching	Golden Rose
Easy Blanching	White Plume
French's Success	Giant Pascal

50c per 100; \$2.75 per 1000. Write for prices on larger lots. Weight 2 lbs. per 100; 15 lbs. per 1000.

Chives. Used for flavoring. Clumps 12c each; \$1.00 per doz. (postpaid).

Lettuce. Transplanted, well hardened plants ready May 1st to June 1st. Varieties: Iceberg, Big Boston, Holyrood Hot Weather. 30c per doz.; \$1.50 per 100. Weight 4 lbs. per 100.

Egg Plant. As these plants are easily injured in transplanting we raise them in pots and wrap the ball of earth in paper so as not to disturb the roots. Black Beauty, ready May 25. 75c per dozen. (postpaid); 50 plants for \$2.75. Weight 20 lbs.

Pepper. Strong transplanted plants ready last of May Varieties:

Harris' Earliest
Ruby King
Neapolitan

Giant Crimson
Oskosh (Yellow)
Giant Cayenne

30c per doz.; \$1.75 per 100; \$15.00 per 1000. Weight 3 lbs. per 100; 25 lbs. per 1000.

Pepper. Untransplanted Plants. These plants should be set in boxes or frames, and allowed to grow for 2 or 3 weeks before putting out in the open ground. Same varieties named above, ready April 20th to May 20th.

25 plants 20c; 100 plants 60c; 1000 plants \$4.75 postpaid.

Spearmint. When once established will last for years. Plants 10c each; 50c per doz.

Sage. Holt's Mammoth. The best variety of sage. See page 46. Plants 15c each; \$1.50 per doz. (postpaid).

Tomato. Transplanted plants, strong and stocky, well hardened and are much superior to plants taken directly out of greenhouses. Ready May 10th to June 20th.

Varieties:
John Baer
Success
Stone
Early Detroit (pink)
Superb Salad
Yellow Plum

Extra Early Earliana
Bonny Best
Dwarf Champion
Ponderosa
Golden Queen (Yellow)
Red Cherry

30c per doz.; \$1.50 per 100; \$13.00 per 1000. Weight 5 lbs. per 100; 30 lbs. per 1000.

Tomato. Potted Plants. These plants are raised in pots and can be set out without checking their growth. They therefore produce earlier fruit than other plants. Varieties: Extra Early Earliana, Bonny Best, and Ponderosa. \$1.00 per doz.; (postpaid), 50 plants \$2.50; 100 plants \$4.50. Weight packed for shipping, 50 plants 30 lbs.; 100 plants 50 lbs.

Tomato. Untransplanted plants. These are plants taken directly from the seed bed. They should be transplanted in frames or boxes and grown for two weeks or more before setting out in the open ground. They are good hardy plants, 3 to 4 in. high.

We can supply the same varieties as named above. Plants ready from April 10 to May 15th. Not less than 25 plants of a variety will be sold. Sent postpaid at the following prices: 50 plants 35c; 100 plants 50c; 1000 plants \$3.75.

The 300 Celery plants ordered from you arrived in excellent condition yesterday. We have never seen such fine Celery plants nor had any come in such fine shape. ELIZABETH ARLAND, Hammondsport, N. Y., July 16, 1921



STRAWBERRY PLANTS

Everyone who has a garden should raise strawberries. Strawberries can be bought of course, but they are as nothing compared with the delicious, high flavored, fragrant berries picked fresh from the vines. There is nothing like them.



Photograph of Sherman Strawberry. When the photograph was taken June 13th this plant had on it nine large ripe berries and 96 green ones.

The best time to set out strawberries is in the spring, when they will grow all summer and form a good bed of plants that will bear profusely the following year.

The plants should be set out in good rich soil in rows 3 to 3 1/2 feet apart and a foot to 18 inches apart in the row. It is best to set out the plants as soon as the ground can be gotten into good condition in the spring, but they will do very well if set out as late as the middle or last of May.

Complete directions for setting out and cultivating a strawberry bed will be found in our pamphlet on Culture Directions which will be sent out free with any order if requested.

SAFE DELIVERY GUARANTEED. We assume all risks of the plants reaching the purchaser in good condition. If the plants are not satisfactory and in good order when received we must be notified at once, and the matter will be adjusted to the satisfaction of the purchaser. But it must be distinctly understood that we will not hold ourselves responsible for the treatment of the plants after they are received by the purchaser. Perfectly good plants are often ruined by improper planting or unfavorable weather after they are set out. Our responsibility ceases when the plants are delivered in good condition.

PLANTS BY PARCEL POST. When ordered at the dozen rate the plants are sent postpaid without extra charge, but when ordered at the 50 or 100 rate an extra charge is made for postage. See rates on page 4. 50 plants weigh 2 lbs., 100 plants 4 lbs., 500 plants 15 lbs.

Sherman

We regard this as one of the best strawberries we have ever grown. The berries are very large, round, smooth and handsome. The quality is very fine, the berries being deliciously sweet and high flavored. They are deep red all through and moderately firm; just firm enough to make a fine berry for canning as well as for eating fresh.

The vines are very strong, vigorous, and healthy, and produce immense crops and the berries hold their size until the end of the season.

A remarkable point about the Sherman is its long-season habit. The berries start to ripen medium early and continue coming on for a month or more. When other kinds have gone, you can still find a lot of new big berries on the Sherman row.

As the flowers of the Sherman are imperfect some other variety with perfect flowers should be planted with them. One row of perfect flowered plants will fertilize the flowers on 2 or 3 rows of an imperfect variety on each side. Plants, Doz. 50c; 50 plants \$1.25; 100 plants \$2.00; 500 plants \$7.50.

St. Martin

A new Strawberry that has won many honors at the Horticultural Exhibitions. It is pre-eminently a berry of quality. The fruit possesses a richness of flavor equalled by very few other kinds. The berries are very firm, deep red all through and of medium to large size.

This is a grand berry for the home garden where quality is appreciated, and where it can be raised on good soil and given proper care. It will respond to good treatment and produce berries of the highest quality. The flowers are perfect. Plants, Doz. 50c; 50 plants \$1.25; 100 plants \$2.25.

Delicious

We have fruited this new berry for two years and we are much pleased with it. It is well named as it is certainly a delicious berry, sweet, high flavored, and luscious.

The berries are smooth and regular in shape, mostly pointed and average quite large. They are of good deep red all through and fairly firm but not as much so as some other varieties. The plants are vigorous and healthy and produce well. This variety has the rare combination of very high quality and large yield. The season is medium early.

The flowers are perfect, so this is an excellent variety to plant in connection with Sherman or any other variety with imperfect flowers. Doz. 60c; 50 plants \$1.50; 100 plants \$2.75; 500 plants \$12.50.

Gibson

A large, handsome berry, very productive and of fine quality. The plant is unusually vigorous and free from disease. The berries are firm, well-colored, handsome to look at and fine to eat, and the plants produce a lot of them. A grand berry for market as well as the home garden. Especially good for canning as the berries are firm and red all through. Ripens medium late. The flowers are perfect. Doz. 40c; 50 plants \$1.00; 100 plants \$1.50; 500 plants \$7.00; 1000 plants \$12.50.

Special Collections of Strawberries

For the Home Garden

We will send a collection of plants composed of the following:

Collection No. 1

50 Plants Sherman }
50 Plants Gibson } for \$2.00 postpaid.

A still better collection in the following:

Collection No. 2

50 Plants Sherman.....	\$1.25	} for \$3.25 postpaid
50 Plants St. Martin.....	1.25	
50 Plants Delicious.....	1.50	
		\$4.50

This collection will make a fine strawberry bed. It will occupy a space about 12 feet wide by 60 feet long, and should yield 2 to 3 qts. of berries every day during the strawberry season.

No change can be made in these collections. The plants will be sent the day they are dug, and we guarantee that they will reach the purchaser in good condition. If they do not we will replace them if notified at once.

Special Prices will be made on large lots of Strawberry Plants. Please state quantities and varieties required.

Everbearing or Fall Strawberries

You can have Strawberries this Fall

These new strawberries are truly ever-bearing. The young plants when set out in the spring start to bear fruit before they have hardly taken root and continue to bear all through the summer and fall. The largest quantity of berries on plants set out in the spring is usually produced in August and September, although they will continue to fruit through October.

These same plants will start bearing again in the spring and produce a crop in June and another crop in August and September if not allowed to over-bear.



A Quart of
"Superb" Strawberries
Photographed Oct. 10

These ever-bearing strawberries should have rich land and the best of care. Treat the same as other berries. Be careful to pick off the fruit stems or blossoms when the plants are first set out for a few weeks afterward.

NOTE.—To get a good crop of berries the first year, the plants must be set out early. Do not wait until June, but order the plants early and set them out by the first of May in the North, and earlier farther south.

Superb. The berries are very large, smooth and handsome and of fairly good flavor. The berries are often 1 1/2 inches across or 4 1/2 inches around. The plant is a vigorous grower with large, deep green foliage that never rusts.

The flowers are perfect, so it can be grown alone or used to fertilize the blossoms of other kinds with imperfect flowers.

The plant makes a fair number of runners. While the flavor of these big berries is not quite equal to the smaller ones, yet they are so large and handsome they sell better in the market.

Doz. 50c; 50 for \$1.35; 100 for \$2.50.

Progressive. This is the highest flavored Fall-bearing variety we know of. The berries are not very large but the flavor is rich, sprightly and delicious.

If you have the Progressive you can enjoy delicious berries all through the summer and the fall.

The plants of this variety usually produce too many berries and half of them ought to be picked off as soon as they form.

This will give the others a chance to grow larger. If left to produce all the fruit many of the berries will be small.

When well grown there is no finer Fall berry than this and it is enormously productive.

Doz. 50c; 50 plants \$1.60; 100 plants \$3.00.

Set Out Strawberries Early

To get the best results the plants should be set out just as early in the spring as the land can be put in good condition.

INSECTICIDES AND FERTILIZERS, ETC.

BUG DEATH

A well known insecticide for potato bugs or any leaf-eating insect. It is a fine powder and is applied by dusting on the plant when the leaves are damp. Especially useful for killing Potato bugs and all worms that eat leaves. Easily applied, safe and effective. 1 lb. can (with sifter top) 25c; 3 lb. 45c; 5 lb. 75c; 12 1/2 lbs. \$1.75.



Dickey Dusters for applying Bug Death. A small hand duster with which the dust can be easily applied—50c each.

Arsenate of Lead. This is the best poison to use against worms and insects that eat leaves of plants, fruit, etc. The paste form should be applied in water, using 1 lb. to 20 gallons.

The powdered form may be used either in water or dusted on the plants. If in water use 1 lb. to 30 gallons.

PASTE. 1 lb. can 30c; 12 1/2 lb. pails, \$2.00 each; 25 lb. pails \$3.50; 50 lb. can \$6.50; 100 lb. \$12.00.

POWDER. 1 lb. can 35c; 5 lb. can \$1.25; 12 1/2 lb. pail \$2.75.

TOBACCO DUST. Tobacco dust is an excellent material for keeping bugs off cucumber, melon and squash vines. The dust should be applied when the leaves are wet so that it will adhere to them. It should be used in liberal quantities. For fumigating green-houses the tobacco dust we sell is most excellent. It burns evenly and will light without the use of kerosene. Five pounds will fumigate a house 20 x 100 feet. 5-lb. package 50c; 10 lbs. 75c; 50 lbs. or more at 6c per lb.

HALL'S NICOTINE SULPHATE (40% Nicotine). Often called "Black Leaf 40." A very effective insecticide for aphids, "lice" and all soft-bodied insects, such as rose aphids, apple tree aphids, etc. It is so concentrated that one part to 800 or 1000 parts of water makes an effective spray, costing less than two cents per gallon. Directions for use are printed on the can.

Half-pound tin \$1.25; 2 lb. tin (qt.) \$3.75.

FORMALIN (Formaldehyde, 40 per cent). A valuable disinfectant for destroying germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats use 1 pint formalin to 50 gallons of water and soak ten minutes. For potatoes use 1 pint to 30 gallons and soak two hours. Pint 50c; quart 75c; gallon \$2.50. Formalin cannot be sent by mail or parcel post.

LAMBERT'S DEATH TO LICE. This is the most effective remedy for killing lice on poultry we have found. Death to Lice is a powder and is easily applied to the fowls by dusting it through the feathers. It kills the lice within a few minutes after applying. It should be used on setting hens and on young chickens as soon as hatched. It is perfectly harmless and will not injure the most delicate chickens. 15-ounce cans 25c. Full directions for use are printed on each can.

WHITE HELLEBORE. The best remedy for currant and cabbage worms. Apply dry or in water. Per lb. package 65c.

Sulpho-Tobacco Soap. For killing aphids or "lice" on roses and other plants we have found Sulpho-tobacco soap very effective and convenient. Directions for use are printed on the cover of each cake. A 3-oz. cake makes 1 1/2 gallons, and an 8-oz. cake 4 gallons of the solution. 3-oz. cakes 10c; 8-oz. cakes 20c.

WEED KILLER. A liquid containing chemicals which when mixed with water and sprinkled on roadways, paths, tennis courts, etc., entirely destroys weeds, root and branch. It saves much time, labor, and expense. When used it is diluted with 40 to 50 parts water. Easily applied with a sprinkling can or sprayer. Directions for use are printed on the can. Price, 1 qt. can 75c; 1 gallon can \$2.00; weight 3 lbs. per quart; 12 lbs. per gallon.

FERTILIZER FOR GARDENS

For the convenience of those who do not wish to buy the separate fertilizing materials and mix them, we can furnish a mixture such as we use ourselves for garden crops. It is a complete fertilizer furnishing all the necessary elements of plant food in an available form. It is made up of Nitrate of soda, Bone Meal, Superphosphate of Lime, and Muriate of Potash.

This fertilizer can be used on the whole garden and lawn at the rate of 2 lbs. per 100 square feet, or may be applied to growing crops



FERTILIZER FOR GARDEN (Continued)

by scattering it along the rows or around hills of cucumbers, melons, or squash, and around tomato plants. It should be well worked into the soil with a hoe, rake or cultivator. It has no bad odor. 10 lbs. 50c; 50 lbs. \$2.00; 100 lbs. \$3.75.

Pulverized Sheep Manure This is an excellent fertilizer for all crops. It is rather costly to use on a large scale but for small gardens and especially for green houses and frames it can be used to great advantage. It not only furnishes actual plant food but also humus which is not supplied by chemical fertilizers. This dried sheep manure contains 2½% nitrogen, 1½% phosphoric acid and 1½% potash. There is no straw or other rubbish in it. It is pure dried and pulverized sheep manure. Use about 1 lb. to 4 or 5 square feet of surface.

Price	5 lb. box.....	\$.35
	10 lb. bag.....	.65
	50 lb. bag.....	1.75
	100 lb. bag.....	2.60

Price of large lots on application.

Nitrate of Soda. This is the most soluble and quickly available form of nitrogen or "ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, celery, beets, carrots, onions, spinach, tomatoes, potatoes and similar crops, as well as for grass and grain. It can be advantageously used as

a top dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some nitrate of soda on hand and use it whenever they want to promote a quick, strong growth in plants. A little nitrate dissolved in water at the rate of about a tablespoon (1 oz.) to 2 gallons of water will stimulate a rapid growth either when applied to plants in frames, green-houses or the open ground. If your plants don't grow well, try nitrate on them—but don't use too much. 10 lbs. 65c; 50 lbs. \$2.75; 100 lbs. \$4.75; 200 lb. bag \$9.00. Price for larger lots will be quoted by letter.

Bone Meal. This is one of the best fertilizers for gardens, lawns, shrubs, fruit trees, etc. It is perfectly harmless and can be used with safety in any quantity desired. The plant food in bone meal is not immediately available so its benefit extends over a longer time than is the case with other fertilizers that are more soluble.

For lawns use 3 to 5 lbs. per 100 sq. feet. For roses, small fruit bushes and shrubs, use two handfuls around each plant and spade or hoe it in. For garden crops use at the rate of 2 or 3 lbs. per 100 square feet (10 ft. square). Rake it in.

This Bone Meal is raw bone finely ground and contains 4½ per cent Ammonia and 50 per cent phosphate of lime. 10 lbs. 60c; 50 lbs. \$2.25; 100 lbs. \$4.00. Bags of 167 lbs. (12 bags to a ton) \$6.25 per bag. Lowest price will be quoted on large lots at any time.

GARDEN REQUISITES

"AUTO-SPRAY" No. 1



This is the most convenient hand sprayer we know of. We use it on our own farm and can highly recommend it. In construction and workmanship it is superior to other similar sprayers.

To Operate: Remove pump with a half turn, fill tank two-thirds full of solution. Replace pump and with a few strokes compress air on solution.

Then direct the spray. Two pumpings will discharge contents.

Uses: For spraying trees, shrubs, vines, field crops, green houses and poultry houses; for applying Paris green, arsenate of lead, bordeaux, lime and sulphur emulsions, disinfectants, cattle-fly oil, whitewash, cold water paints, etc.

Special Features: Strength, simplicity and balanced construction, a nozzle which does not and cannot clog, and the only clog proof nozzle on a compressed air sprayer, no matter what competitors claim, an automatic shut-off device (Auto-Pop) which saves the solution and operates without fatigue, spreader to prevent wrinkling leather cup, iron parts malleable, and hose of extra quality. Remove nozzle to get solid stream.

EQUIPMENT: Carrying strap, 2 ft. ½ in., hose, fine spray nozzle and stop-cock or Auto-Pop as ordered.

Auto-Pop No. 1—Patented automatic shut-off. To stop the flow of solution it is necessary only to release the fingers.

SPECIAL EQUIPMENT: Extension Pipe—brass, 2 ft. lengths. Connects direct to the shut-off. Three lengths generally used for trees.

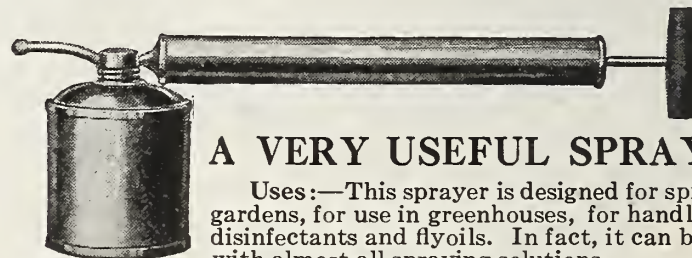
Brass Elbow—For reaching the under side of leaves or spraying at an angle.

Auto-Spray No. 1 Brass tank with auto-pop.....	\$9.50
Auto-Spray No. 1 Galvanized tank with auto-pop.....	6.50
Extension pipe 2 ft. length brass each.....	.50
Elbow for extension brass.....	.35

Delivered Free by parcel post anywhere east of Indiana and north of Virginia (except Canada). If to be sent with seeds or other goods by express or freight not prepaid 50c may be deducted from the price of the Auto-Spray No. 1.

Save Cabbage Plants from Maggots

Tar Paper Pads. To protect cabbage and cauliflower plants from injury by maggots at the roots nothing has been found more successful than these pads or collars which consist of a round piece of tarred paper with a slot on one side and a hole in the center. These pads are slipped around the stems of the plants after they are set out. They prevent the flies from laying the eggs which produce the maggots on the stems at the surface of the ground. We have found that when these pads are put on the day the plants are set out and are not covered with earth they save fully 90 per cent of the plants. Price. 50 pads 25c; 100 pads 40c; 1000 pads \$2.50. Special price will be made on large lots.



A VERY USEFUL SPRAYER

Uses:—This sprayer is designed for spraying gardens, for use in greenhouses, for handling all disinfectants and flyoils. In fact, it can be used with almost all spraying solutions.

The Auto-Spray No. 26 is so designed that excessive pressure generated on the down stroke of the plunger allows this sprayer to create a continuous mist-like spray.

The ball valve, which prevents this stored up compressed air from returning into the pump cylinder is conveniently located in a brass valve seat fastened stationary in the end of the pump cylinder.

By removing the tank from this sprayer, the syphon tube can be easily and quickly cleaned.

To sum it up, this continuous atomizer is durable, convenient, excessible and simple.

Auto-Spray No. 26-A, 1 qt., all tin.....	\$.90
Auto-Spray No. 26-C, 1 qt., all brass.....	1.35

Pot Labels and Garden Stakes

Keep a record of the kind and variety of seeds sown, dates, etc. Every gardener should use stakes and labels.

Pot Labels	Plain		Painted	
	100	1000	100	1000
4 in. long.....	\$.20	\$ 1.10	\$.25	\$ 1.50
5 in. long.....	.22	1.60	.28	2.00

Garden Stakes

12 in. long, 1½ in. wide.....\$1.40 \$1.60

These are nice smooth, white wooden labels of best quality. Weight for mailing: Pot labels 3 lbs. per 1000. Garden stakes 2 lbs. per 100.

Garden Line. A garden line is really a necessity for a well ordered garden. Straight rows save much time in cultivating with hand cultivators or hoes besides adding greatly to the appearance of a garden. Good strong hemp garden line, 50 feet 50c; (by mail 55c); 100 ft. 75c; 200 ft. \$1.25. Weight 1 lb. per 100 ft.

Raffia. Used for tying bundles of plants, for tying plants to stakes, for budding and grafting, and many other purposes. It is very economical as it costs less than string. 1 lb. 25c; 5 lbs. or more 20c per lb.

Lang's Hand Weeder

A very useful tool for hand weeding. A boy with one of these weeders can do twice as much work in a day as he could without it.

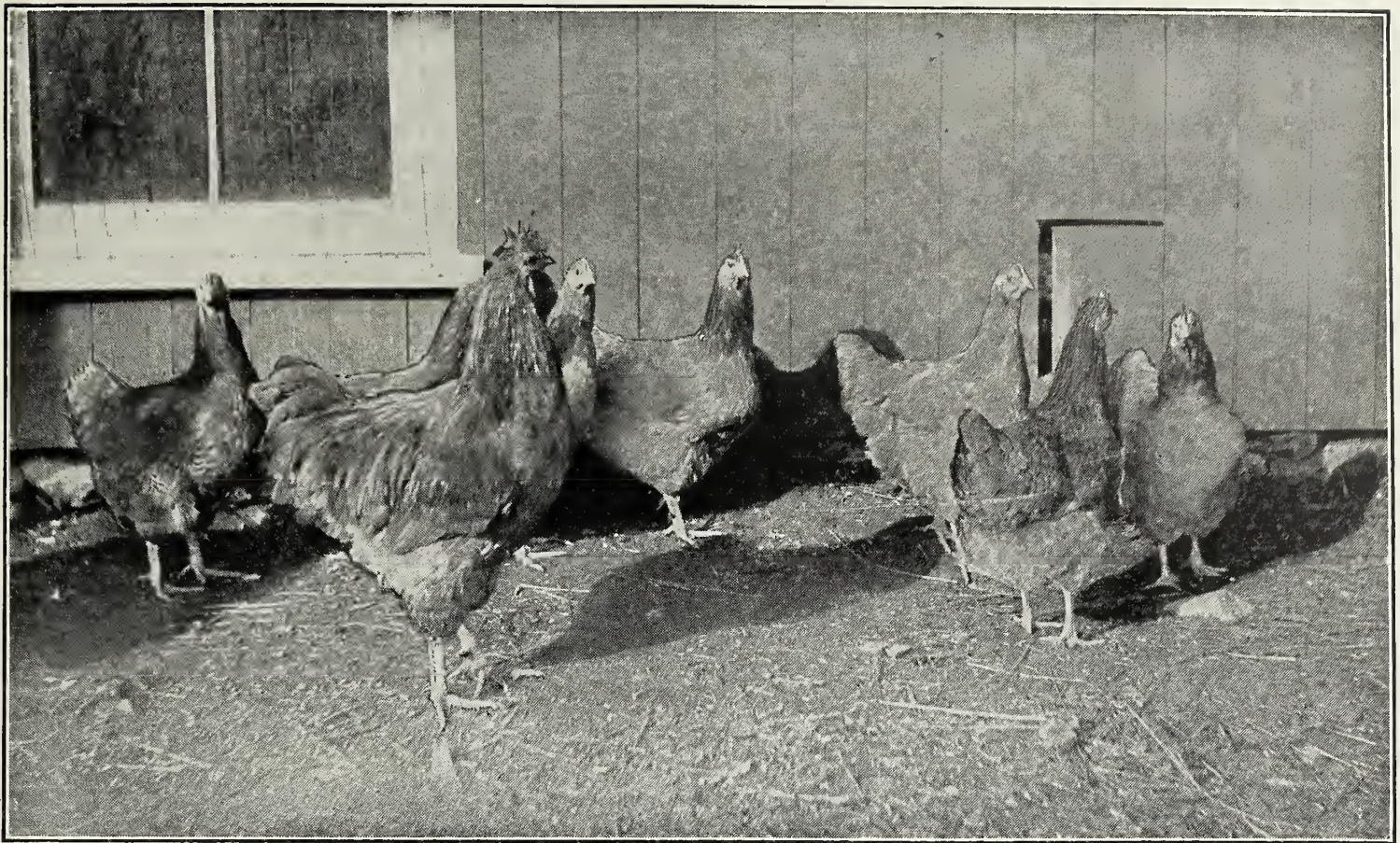
Price 25c each; 3 for 65c.

Lawn Mower Sharpener

Clover Leaf Compound sharpens lawn mowers quickly and effectively. By applying a little of this compound to the knives and running the mower light for a few minutes the mower is sharpened. This can be done often with very little trouble and the mower always kept sharp. Directions for using with each can. Price 50c per can postpaid.



BUFF ORPINGTON CHICKENS



Moreton Farm Buff Orpingtons—Cockerel and Pullets

These are magnificent fowls. Handsome to look at, good layers and delicious to eat—surpassing any other breed in this respect.

The chickens grow remarkably fast. In ten weeks they often get to weigh 3 pounds, and at six months they weigh 7 to 8 pounds. When fully matured the cocks weigh 9 to 10 pounds.

For the table there is no breed equal to the Buff Orpingtons. The flesh is tender, juicy and delicious. Any one who wants to raise the best chickens for his own table or to sell to particular customers should raise Buff Orpingtons. They ought to pay well at the present price of meat.

The young chickens are remarkably healthy, vigorous and strong.

The pullets start to lay when only six months old. We have had pullets hatched the last of May commence laying the middle of November. They lay well all winter.

They lay good size brown eggs which hatch well, and the chickens are very strong and vigorous.

Our Buff Orpingtons were raised from some of the best stock in the country and are fine, large, vigorous birds, perfectly pure-bred and high class in every way. The color of our flock is remarkably good, being much more uniform than is usual with this breed. There are very few flocks, even those of the best breeders who charge very high prices, that can compare with the Moreton Farm flock in size, vigor and beautiful golden buff color.

Get a Buff Orpington Cockerel and improve the size and quality of your flock. Orpington blood will make a great improvement in almost any flock of grades or mixed breeds.

Cockerels, extra fine\$7.00 each

These are the very finest birds we have.

Cockerels, good utility stock\$4.75 each; 2 for \$9.00

These are large, vigorous, pure-bred cockerels, but have some slight defects in color of plumage or other minor points that make no difference for practical purposes.

Eggs. The eggs we offer are from carefully selected birds and will produce Buff Orpingtons of the highest class.

The eggs can be sent by parcel post. See rates of postage on page 3. Weights are as follows:

1 setting, 4 lbs.; 2 settings, 6 lbs.; 50 eggs, 10 lbs.; 100 eggs 20 lbs.

1 setting.....	15 eggs.....	\$2.25	50 eggs.....	\$ 5.50
2 settings.....	30 eggs.....	3.75	100 eggs.....	10.00

25% discount may be deducted from these prices for eggs to be shipped after May 10th.

Mr. M. H. Ray, of Vermont writes:

"Last April I purchased some Buff Orpington eggs of you. Put them in an incubator and hatched 28 chicks, raised 21—12 cockerels and nine pullets. The pullets commenced to lay in November and were laying so well that I kept a record of their eggs for the month of January and February. The nine laid 351 eggs and have laid 16 the first two days of March. I had one cockerel that weighed 10 1/2 lbs. at Christmas time. That was his live weight. They are the best lot of chickens I ever owned."

Mr. John Fordham, Stillwater, N.Y., writes:

"I want to thank you for the two settings of eggs I bought from you last year. They hatched out 21 and raised 19, which I think was as high as any eggs I have hatched."

Mr. Clayton Bongard, Point Peninsula, N.Y., writes:

"Will say we had fine luck with the eggs we set which we received of you (Buff Orpingtons). We raised 32 out of fifty eggs. Had 20 pullets. We expect to give you an order this year for some more."

An illustration of various vegetables. At the top, there are two beets with large green leaves and thick red stalks. One beet is whole, and the other is sliced in half to show its concentric rings. Below the beets is a bunch of spinach with large, dark green, crinkled leaves. To the right of the spinach is a long, slender, light green cucumber. The background is a plain, light-colored surface.

GROSBY'S
EGYPTIAN
BEET
HARRIS SPECIAL
STRAIN

KING OF
DENMARK
SPINACH

CHINA
CUCUMBER

JOSEPH HARRIS COMPANY,
MORETON FARM, COLDWATER, N.Y.